Lifesaving Products

Laerdal Products Catalogue 2008 - 2009

www.laerdal.co.uk
From basic to advanced simulators

Åsmund S. Laerdal using the Resusci Anne manikin as a simulated drowning victim in the early 1960’s.
50 years of evolving needs and solutions

1960
The need for a lifelike training aid for mouth-to-mouth ventilation, and to make rescuers willing to blow into a "dead" person, led Asmund S. Laerdal, together with Dr. Bjorn Lind and Dr. Peter Safar to develop Resusci-Anne.

1970
The first AHA/JAMA Guidelines for CPR in 1974 recommended that full CPR be taught also to lay people. Recording Resusci Anne allowed "training to perfection", reporting quality of CPR on a paper strip.

1980
In the 1980's the American Heart Association set a criteria of 90% correct performance to obtain CPR certification: SkillMeter Resusci Anne was developed to meet the need for quantitative real-time CPR measurement and feedback.

1990
In the 1990's there was much focus on sufficient hands-on practice. Little Anne was introduced (1995) as a supplemental trainer to meet the need for a lower student to manikin ratio.

2000
In the 2000's growing concern about patient safety and cost-efficiency caused increased focus on patient simulation and self-directed learning.

OUR LATEST SOLUTIONS

SELF-DIRECTED LEARNING

QUALITY CPR

SIMULATION

Mini-Anne

Resusci Anne Skills Station

CPR meter

SimMan 3G

www.laerdal.com
Laerdal’s commitment to helping save lives is deeply rooted in a strong dedication to improve patient survival. For 50 years we have strived continuously to develop needs-based products and solutions to meet your educational and clinical needs.
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Circle of Learning

identifies three main factors which predict the strength of any local Chain of Survival, expressing its potential of successful resuscitation outcome.

Through 50 years Laerdal has been challenged by a desire to increase educational efficiency in resuscitation at all levels. In 1960 we introduced Resusci Anne to facilitate learning mouth-to-mouth resuscitation by anyone, anywhere. Having built a wide and versatile product range over the many years, we are today partnering with many medical communities to improve competencies at different levels of health care personnel through the use of advanced simulators.


Circle of Learning

describes an acknowledged way through five cyclical steps to recognized competence in resuscitation knowledge, skills and clinical practice. Laerdal offers preferred product solutions for all of these steps.
# Training Products

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<td>Laerdal Airway Management Trainer</td>
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<td>Resusci Junior Basic and SkillGuide</td>
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<td>Mr. Hurt Head Trauma Trainer</td>
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<td>Resusci Anne Q-CPR-D</td>
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<td>AED Resusci Anne SkillGuide and SkillReporter</td>
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<td>Resusci Anne Airway Trainer Update Kit</td>
<td>VitalSim Task Trainers</td>
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<td>Nursing Kelly</td>
<td>Respiratory and Wound Care Task Trainers</td>
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<td>Nursing Kid</td>
<td>Catheterization and Enema Trainer</td>
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<td>Childbirth and Development</td>
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<td>Breast Exam Model</td>
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<tr>
<td>Neonatal Resuscitation Baby</td>
<td>SimMan3G</td>
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<tr>
<td>Nita Newborn</td>
<td>SimMan</td>
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</table>

| | Patient Simulators - Intermediate |
| | SimNewB |
| | ALS Simulator |
| | Patient Simulators - Basic |
| | Resusci Anne Simulator |
Resusci Anne Basic and SkillGuide

Quality CPR training with real-time feedback

The Resusci Anne Basic and Resusci Anne SkillGuide manikins offer optimal realism and quality to adult CPR education. With its modular construction, and use of the optional SkillGuide performance indicator, students can quickly sharpen their skills to perform adult quality CPR. Add first aid or rescue limbs to integrate first aid, trauma, and extrication to the training.

Resusci Anne Full-Body comes standard with non-articulating arms and legs. First Aid Trauma Modules available, see page 22.

310005xx  Resusci Anne Torso Basic w/Hard Case
310006xx  Resusci Anne Torso Basic w/Soft Pack
310035xx  Resusci Anne Full-Body Basic w/Hard Case
310015xx  Resusci Anne Torso SkillGuide w/Hard Case
310016xx  Resusci Anne Torso SkillGuide w/Soft Pack
310045xx  Resusci Anne Full-Body SkillGuide w/Hard Case

Resusci Anne CPR Manikin Includes:
Torso/Full-Body Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carrying Case or Soft Pack, Track Suit (Full-Body Models) or Jacket (Torso Models), Directions for Use and Virkon Rapid Pack. Models listed as “SkillGuide” include the SkillGuide unit.

xx = Country Code

Consumables

310210 Face Skin (pkg. 6)
310220 Face Skin, decorated (pkg. 6)
152250 Airways (pkg. 24)
151201 Manikin Face Shields (6 rolls of 36 each)
Resusci Anne SkillReporter

Quality CPR training with real-time feedback and evaluation report

The Resusci Anne SkillReporter is an adult quality CPR training manikin that focuses on student performance through printed reports on ventilation and compression compliance. In addition, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.

Moving light bars for dynamic feedback of CPR performance

Light indicators for:
Pulse Check, Incorrect Hand Position, Stomach Distension

Controls for:
On/Off, Metronome, Start/Stop logging, Print (long or short format), Integrated Printer

310025xx  Resusci Anne Torso SkillReporter w/Hard Case
310026xx  Resusci Anne Torso SkillReporter w/Hard Case w/o SkillReporter
310055xx  Resusci Anne Full-Body SkillReporter w/Hard Case
310056xx  Resusci Anne Full-Body SkillReporter w/Hard Case w/o SkillReporter

For more information on the optional Laerdal PC SkillReporting tool, see page 23

Resusci Anne CPR Manikin Includes:
Torso/Full-Body Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carry Case, Track Suit (Full-Body Models) or Jacket (Torso Models), SkillReporter unit with 1 roll of Printer Paper, Directions for Use and Virkon Rapid Pack.

xx = Language versions

Consumables

310210  Face Skin (pkg. 6)
310220  Face Skin, decorated (pkg. 6)
152250 Airways (pkg. 24)
151201 Manikin Face Shields (6 rolls of 36 each)
315050 Paper for SkillReporter (pkg. 5)

www.laerdal.com
Resusci Junior **Basic and SkillGuide**

*Quality CPR and water rescue training*

The Resusci Junior manikin offers realistic, quality child CPR education. It has full-body construction and use of an optional SkillGuide performance indicator. Students can quickly sharpen their skills in performing child CPR to high standards.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>180010xx</td>
<td>Resusci Junior</td>
</tr>
<tr>
<td>180011xx</td>
<td>Resusci Junior w/SkillGuide</td>
</tr>
<tr>
<td>180012xx</td>
<td>Resusci Junior w/Water Rescue</td>
</tr>
</tbody>
</table>

**Resusci Junior Manikin Includes:**

- Pediatric Manikin, Hard Plastic Carry Case (except where noted), Training Mat, Track Suit, 4 Junior Faces, 4 Junior Airways, Virkon Rapid Pack and Directions for Use.
- Model listed as "SkillGuide" includes the SkillGuide unit. Model listed as Water Rescue includes the Water Rescue Update Kit accessory.

- xx = Country Code

**Consumables**

- 183010 Junior Faces (pkg. 6)
- 183210 Airways, complete (pkg. 25)
- 183211 Airways, complete (pkg. 100)
- 151201 Manikin Face Shields (6 rolls of 36 each)
Resusci Baby Basic and SkillGuide

Quality CPR training with real-time feedback

The Resusci Baby manikin offers realism and quality to infant CPR education. Its full-body construction, and use of the optional SkillGuide performance indicator enable students to quickly sharpen their skills in performing infant quality CPR.

Resusci Baby Manikin Includes:

xx = Country Code

Consumables

143600 Resusci Baby Faces (pkg. 6)
143700 Resusci Baby Airways (pkg. 24)
143701 Resusci Baby Airways (pkg. 96)
151201 Manikin Face Shields (6 rolls of 36 each)
Little Anne

Realistic and inexpensive quality CPR training

The Little Anne manikin has been developed to provide effective adult CPR training without compromising realism or quality. Its durable and convenient design makes hands-on practice affordable for every student.

Our package of four Little Anne manikins makes hands-on practice affordable for every student.

020020xx Little Anne
020024xx Little Anne 4-Pack
020025xx Little Anne Dark Skin
020029xx Little Anne Dark Skin 4-Pack

Little Anne Manikin Includes:
1 Manikin, Soft Pack/Training Mat, 2 Resusci Manikin Faces, 2 Little Anne Airways, Virkon Rapid Pack and Directions for Use.

Little Anne 4-Pack Manikin Includes:
4 Manikins, 4-Pack Carry Case, 8 Resusci Manikin Faces, 8 Little Anne Airways, 4 Virkon Rapid Packs and Directions for Use.

XX = Country Code

Consumables

310210 Face Skin (pkg. 6)
310215 Face Skin, Dark skin (pkg. 6)
020300 Airways, complete (pkg. 24)
020301 Airways, complete (pkg. 96)
151201 Manikin Face Shields (6 rolls of 36 each)
Little Junior

Realistic and inexpensive quality CPR training

The Little Junior manikin meets your need for a low-cost, quality child CPR trainer and is the perfect supplement to the Resusci Junior manikin. Our package of four Little Junior manikins makes hands-on practice affordable for every student.

Little Junior Manikin Includes:
1 Manikin, Soft Pack/Training Mat, 2 Junior Faces, 2 Junior Airways, Virkon Rapid Pack and Directions for Use.

Little Junior 4-Pack Manikin Includes:
4 Manikins, 4-Pack Carry Case, 8 Junior Faces, 8 Junior Airways, 4 Virkon Rapid Packs and Directions for Use.

xx = Country Code

Consumables

183010 Junior Faces (pkg. 6)
183210 Airways, complete (pkg. 25)
151201 Manikin Face Shields (6 rolls of 36 each)

183015 Junior Faces, dark skin (pkg. 6)
183211 Airways, complete (pkg. 100)
Baby Anne

Realistic and inexpensive quality CPR training

The Baby Anne manikin was developed to provide effective infant CPR training without compromising realism or quality. The convenient packaging of four Baby Anne manikins makes hands-on practice affordable for every student.

Baby Anne Manikin Includes:
1 Manikin, Soft Pack, 6 Airways, 10 Foreign Body Practice Objects and Directions for Use.

Baby Anne 4-Pack Manikin Includes:
4 Manikins, 4-Pack Carry Case, 24 Airways, 40 Foreign Body Practice Objects and Directions for Use.

Consumables

050000  Baby Anne
050002  Baby Anne Dark Skin
050010  Baby Anne 4-Pack
050012  Baby Anne 4-Pack Dark Skin

Release of foreign-body obstruction can be practiced.
Little Family

All-in-one – realistic and inexpensive quality CPR training

Laerdal brings you realistic, affordable, quality CPR training in one “Little” happy family package — the Little Family Pack. Designed to reflect the realistic anatomical differences among an adult, a child, and an infant. The Family Pack comes complete with one Little Anne, one Little Junior, and one Baby Anne, all in one convenient case. It is functional realism with all the essential features. Your students will benefit from the most realistic, age-specific manikins on the market today - and you’ll benefit from the convenience.

020080xx  Little Family Pack
020085xx  Little Family Pack Dark Skin
xx = Language versions

NEW Little Family package
AED Little Anne Training System

Realistic and inexpensive quality CPR and AED training

The AED Little Anne Training System is a complete product offering that combines the affordable AED Little Anne manikin, Laerdal AED Trainer 2, and remote control into one affordable CPR-D training package. The unique design feature of the AED Trainer 2 is that it will not advance in the scenario until proper pad placement on the patient’s chest is accomplished.

020060xx  AED Little Anne Training System

AED Little Anne Training System Includes:

Laerdal AED Trainer 2 w/Soft Pack, Remote Control, AED Little Anne Manikin w/Softpack Training Mat, Accessories, Laerdal LINK Training Pads and Directions for Use.

020050xx  AED Little Anne

AED Little Anne Includes:

Manikin, Soft Pack/Training Mat, Zippered Jacket, 2 Faces and 2 Airways, Virkon Rapid Pack and Directions for Use.

xx  =  Language versions

Consumables

310210 Face Skin (pkg. 6)
020300 Airways, complete (pkg. 24)
945090 Laerdal LINK Training Pads
020301 Airways, complete (pkg. 96)
Resusci Anne CPR/D

Quality CPR and live defibrillation training with real-time feedback and evaluation report

The Resusci Anne CPR-D is an adult CPR training manikin focusing on quality CPR and defibrillation actions during the scenario. The combination of the Micro-Heartsim and SkillReporter modules allows comprehensive instructor-to-student debriefing and documentation of key events. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.

Resusci Anne Full-Body comes standard with non-articulating arms and legs. First Aid Trauma Modules available. See page 22.

(Defibrillator not included)

320025xx Resusci Anne CPR-D Torso w/Hard Case and Training Mat

320055xx Resusci Anne CPR-D Full-Body w/Hard Case and Training Mat

Resusci Anne CPR-D Manikin Includes:
Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carrying Case, Track Suit (Full-Body Models) or Jacket (Torso Models), Directions for Use, SkillReporter unit with 1 roll of Printer Paper, Micro-HeartSim hand-held control unit and Training Electrodes.

xx = Language versions

Consumables

310210 Face Skin (pkg. 6)
310220 Face Skin, decorated (pkg. 6)
152250 Airways (pkg. 24)
151201 Manikin Face Shields (6 rolls of 36 each)
315050 Paper for SkillReporter (pkg. 5)
Resusci Anne Q-CPR/D training system

Quality CPR training with live defibrillation and Q-CPR Technology

Resusci Anne Q-CPR/D training system allows for training with the Q-CPR function on the HeartStart MRx defibrillator. The system allows for defibrillation, Q-CPR and airway management training.

The airway head is designed for controlled ventilations through use of endotracheal tube, laryngeal mask or bag-valve-mask ventilations.

The Q-CPR Training Module provides ECG to the defibrillator and accepts shocks. It also provides ventilation data to the HeartStart MRx.

ECG and shock response is controlled from the Micro-HeartSim.

With the use of the optional SkillReporter printer or the PC SkillReporter comprehensive debriefing documentation can be generated.

199–10050 Q-CPR Training Module. Must be bought separately.

The Q-CPR Training Module can be connected to any Resusci Anne CPR/D training manikin and to the special Resusci Anne Q-CPR / D manikin. The module connects directly to the HeartStart MRx defibrillator contact.

199-00050 Resusci Anne CPR-D Torso with Airway Head.

199-05050 Resusci Anne CPR-D with Airway Head.

Includes MicroHeartSim ECG simulator.

Consumables

252090 Airway Lubricant

315050 Paper for SkillReporter (pkg. 5)

For more information on the SkillReporter unit see page 9. (SkillReporter not included)

For more information on the optional Laerdal PC SkillReporting tool, see page 23

Enabled by

The Quality Circle (see pages 94-95)

Training Evaluation Therapy
AED Resusci Anne SkillGuide & SkillReporter

Quality CPR and AED training with real-time feedback and evaluation report

The AED Resusci Anne is an adult quality CPR manikin developed specifically to work in combination with the Laerdal AED Trainer 2 device using Laerdal Link Technology. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.

Laerdal AED Trainer not included. See page 111.

For more information on the optional Laerdal PC SkillReporting tool, see page 23

AED Resusci Anne Manikin Includes:
Manikin, 4 Decorated Resusci Manikin Faces, 3 Disposable Manikin Airways, Carry Case, Track Suit (Full-Body Models) or Jacket (Torso Models), Virkon Rapid Pack and Directions for Use.
Models listed as “SkillGuide” include the SkillGuide unit. Models listed as “Skill-Reporter” include SkillReporter unit with 1 roll of Printer Paper.

xx = Language versions

Consumables

310210 Face Skin (pkg. 6)
310220 Face Skin, decorated (pkg. 6)
152250 Airways (pkg. 24)
151201 Manikin Face Shields (6 rolls of 36 each)
315050 Paper for SkillReporter (pkg. 5)

For more information on the SkillGuide unit see page 8.
For more information on the SkillReporter unit see page 9.
# CPR/CPR-D Manikin Accessories

## Airways and Faces

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<td>Junior Faces (pkg. 6)</td>
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<td>Soft Pack/Training Mat (for Torso Models)</td>
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<td>042000</td>
<td>Hard Case (for Full-Body)</td>
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<td>312009</td>
<td>Soft Pack for Arm/Leg Modules</td>
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<td>Resusci Junior</td>
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<td>Hard Case</td>
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<td>Little Junior</td>
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<td>Soft Pack/Training Mat</td>
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<td>Soft Pack/4-Pack</td>
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<td>Resusci Baby</td>
<td>144010</td>
<td>Hard Case</td>
</tr>
<tr>
<td>Baby Anne</td>
<td>050600</td>
<td>Soft Pack</td>
</tr>
<tr>
<td></td>
<td>050610</td>
<td>Soft Pack/4-Pack</td>
</tr>
</tbody>
</table>

## Output Devices

<table>
<thead>
<tr>
<th>Manikin</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resusci Anne</td>
<td>315000xx</td>
<td>SkillReporter Complete (can only be used with Resusci Anne SkillReporter)</td>
</tr>
</tbody>
</table>

## Limb Modules

<table>
<thead>
<tr>
<th>Manikin</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>090050</td>
<td>Bleeding Control Leg</td>
</tr>
<tr>
<td></td>
<td>310300</td>
<td>Arms/Soft Legs w/Soft Pack</td>
</tr>
<tr>
<td></td>
<td>312000</td>
<td>Rescue Module w/Soft Pack</td>
</tr>
<tr>
<td></td>
<td>312025</td>
<td>IV Arm</td>
</tr>
<tr>
<td></td>
<td>312050</td>
<td>First Aid Trauma Module w/Soft Pack</td>
</tr>
</tbody>
</table>

## Foreign/Choking Objects

<table>
<thead>
<tr>
<th>Manikin</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby Anne</td>
<td>050230</td>
<td>Foreign Body Objects (pkg. 10)</td>
</tr>
<tr>
<td>Resusci Junior/ Little Junior</td>
<td>184600</td>
<td>Choking Kit</td>
</tr>
<tr>
<td></td>
<td>184610</td>
<td>Choking Object (pkg. 5)</td>
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</table>

## Training Supplies

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>183910</td>
<td>Training Mat</td>
</tr>
<tr>
<td>310350</td>
<td>Jacket &amp; Trouser Set</td>
</tr>
<tr>
<td>310351</td>
<td>Jacket</td>
</tr>
<tr>
<td>310352</td>
<td>Trousers</td>
</tr>
<tr>
<td>315050</td>
<td>Paper for SkillReporter (5 rolls)</td>
</tr>
</tbody>
</table>

## Laerdal AED Trainer 2

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>945090</td>
<td>Laerdal LINK Training Pads for AED Resusci Anne and AED Little Anne</td>
</tr>
<tr>
<td>07-10900</td>
<td>FR/AED Trainer Adult Training Pads (1 set)</td>
</tr>
<tr>
<td>M3871A</td>
<td>AED Trainer Pediatric Training Pads (1 set)</td>
</tr>
<tr>
<td></td>
<td>(For use only with the Laerdal AED Trainer 2)</td>
</tr>
<tr>
<td>945030</td>
<td>Softpack</td>
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</tbody>
</table>

## Heartstart AED Trainer

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M5073A</td>
<td>Adult Training Pads Cartridge</td>
</tr>
<tr>
<td>M5074A</td>
<td>Infant/Child Training Cartridge</td>
</tr>
<tr>
<td>M5088A</td>
<td>Internal Manikin Adapter</td>
</tr>
<tr>
<td>M5089A</td>
<td>External Manikin Adapter (10 Sashes)</td>
</tr>
<tr>
<td>M5093A</td>
<td>Adult Training Replacement Pads</td>
</tr>
<tr>
<td>M5094A</td>
<td>Infant/Child Training Replacement Pads</td>
</tr>
<tr>
<td>M5087A</td>
<td>HeartStart Trainer Carry Case</td>
</tr>
<tr>
<td>M5085-91900</td>
<td>Instructions for Use</td>
</tr>
</tbody>
</table>

## Miscellaneous

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151201xx</td>
<td>Manikin Face Shields (6 rolls of 36 each)</td>
</tr>
<tr>
<td>154230xx</td>
<td>Virkon Rapid Pack (10 x 5g tablets and bottle)</td>
</tr>
<tr>
<td>154231xx</td>
<td>Virkon tablets (10 x 5g)</td>
</tr>
<tr>
<td>010900</td>
<td>Laerdal Head Section Model</td>
</tr>
</tbody>
</table>
Try our Manikin Selector to find and compare Laerdal Manikins to meet your learning objectives.

To find and compare Laerdal manikins, meeting your learning objectives and price range, try the Manikin Selector at www.laerdal.com
Resusci Anne First Aid/Trauma Modules

Add-on modules for any Resusci Anne manikin

The practice of first aid and trauma skills has become an important and integral part of many CPR and CPR-D courses. Our wide range of First Aid and Trauma modules are designed specifically to support practice of the important skills of first aid and trauma management.

Simple arm and leg attachments allow you to build the manikin of your choice within seconds. No tools required.

- **312000** Rescue Module w/Soft Pack
- **090050** Bleeding Control Leg
- **312025** IV Arm
- **312050** First Aid/Trauma Module w/Soft Pack
- **312053** Leg Assembly Right w/Wounds
- **312052** Leg Assembly Left w/Wounds

312000 Rescue Module

312050 First Aid/Trauma Module

312000 Rescue Module

Right & Left Leg Assembly with Wounds

090050 Bleeding Control Leg
Laerdal PC SkillReporting System*

Quality CPR training and evaluation tool

The Laerdal PC SkillReporting System offers an approach to CPR or CPR-D training with Resusci Anne by integrating the benefits of a desktop or laptop PC to your training. The system includes an extensive student/course administration functionality. When accurate documentation of student performance is a requirement or you would like to run and control multiple manikins from one PC, then this is the perfect tool for you.

317000 Laerdal PC SkillReporting System
(includes: Program CD and Interface Cable)

With the Laerdal PC SkillReporting System you can operate multiple Resusci Anne SkillReporter manikins with one PC.

Now available in the following languages:
English, Norwegian, Swedish, Dutch, Japanese, French, Finnish, Italian, German, Korean, Spanish, Russian, Polish, Chinese.

* One of the following Resusci Anne models are required:
Resusci Anne SkillReporter, Resusci Anne Advanced SkillTrainer
or Resusci Anne Simulator

Computer not included

Resusci Anne Airway Trainer Update Kit

The Resusci Anne Airway Trainer simulates complete anatomy of the vocal cords. This provides a useful addition to the basic Resusci Anne manikin to allow training in basic and intermediate airway techniques. The skin is highly elastic and durable and movement is realistic, enabling training simulations which are as close to reality as possible.

316000 Resusci Anne Airway Trainer Update Kit - Basic

Fits the following Resusci Anne Models:
- Resusci Anne Basic: 310005, 310006, 310035
- Resusci Anne SkillGuide: 310015, 310016, 310045, 320060, 320080
- All discontinued Resusci Anne models that have disposable airways (except Resusci Anne Skillmeter).

316200 Resusci Anne Airway Trainer Update Kit - SkillReporter

Fits the following Resusci Anne Models:
- Resusci Anne SkillReporter: 310025, 310055, 320070, 320090, 320025, 320055
- Resusci Anne SkillMeter: 300010

Consumables

252090 Airway Lubricant

Includes:
Airway Head, Lung, Stomach, Resusci Anne Simulator Eye Set,
1can Airway Lubricant, Directions for Use
Tuff Kelly

The full-body manikin with realistic weight for extrication and rescue training

The Tuff Kelly line of manikins is durable and robust and of realistic weight. They can be used for a wide variety of extrication-training scenarios. The optional BTLS Victim Injury Set allows Tuff Kelly to be used in trauma and first aid scenarios.

101-00001  Tuff Kelly 45 kg
101-05001  Tuff Kelly 70 kg
101-07501  Tuff Kelly 80 kg

Tuff Kelly Includes:
Manikin, Coveralls, Work Boots, Positioning Waist Belt with “D” rings, and Directions for Use.

Extri Kelly

The realistic and rugged extrication training manikin

Extri Kelly is a durable, rugged, fully articulated training manikin ideal for extrication and rescue exercises. Extra weight can be added, allowing the instructor to replicate victims of various weights.

101-10001  Extri Kelly

Extri Kelly Includes:
Manikin and Directions for Use.
Crash Kelly

*The manikin which combines training in extrication with airway management*

Crash Kelly is a durable, rugged training manikin with an intubation head for advanced airway management training and realistic articulation allowing the manikin to be placed in various settings for extrication or rescue. Crash Kelly is the ideal manikin for training in airway management, extrication and rescue exercises.

201-10001 Crash Kelly

Crash Kelly Includes:

Manikin, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

---

First Aid Training Manikin

*CPR and First Aid training in one rugged manikin*

First Aid Training Manikin is the perfect partner for training that focuses on the practice of first aid. This rugged manikin comes complete with a number of modules to re-create multiple first aid situations.

100-10001 First Aid Training Manikin

First Aid Training Manikin Includes:

Manikin, Jacket, Pants, Soft Carry Case, 3 CPR Mouthpieces, 100 Disposable Airways and Simulated Blood.

Consumables

<table>
<thead>
<tr>
<th>100-00450 Airways (100)</th>
<th>300-00750 Simulated Blood</th>
<th>100-00150 Mouthpieces (6)</th>
</tr>
</thead>
</table>
Ultimate Hurt

The multi-function manikin for rescue, extrication, and trauma care

The Ultimate Hurt is a superior trauma and extrication manikin with three interchangeable heads: standard and trauma intubation heads and Mr. Hurt Head. He comes with a wide range of trauma wound modules to enhance scenarios.

201-00001 Ultimate Hurt

Ultimate Hurt Includes:
Manikin, Heads (3). Wound Set, Manikin Lubricant, Jacket, Pants, Carry Case and Directions for Use.

Consumables

250-21050 Airway Lubricant 45 ml
Trauma Module Set

Trauma Module Set may be added to adult manikins for realism in trauma life support and lifesaving first aid scenarios.

276-10001 Trauma Module Set

Fits:

100-10001 First Aid Training Manikin (see page 20)
101-10001 Extri Kelly (see page 19)
201-10001 Crash Kelly (see page 20)
201-00001 Ultimate Hurt (see page 21)

BTLS Victim Injury Set

A set of wound lay-ons, blood splats, and simulated blood designed for use on manikins or humans to simulate injuries required in the BTLS Instructor’s Manual.

275-00001 BTLS Victim Injury Set

Trauma Make-Up

Set of materials compiled for moulaging realistic trauma, such as cyanosis and burns on both humans and manikins.

275-10001 Trauma Make-up
Resusci Anne Advanced SkillTrainer

Advanced skills and quality CPR training

The Resusci Anne Advanced SkillTrainer offers high quality, yet relatively low cost, advanced skills training. The combination of the remote control and PC SkillReporting software allows comprehensive instructor-to-student debriefing and documentation of key events. Additionally, first aid and extrication practice can be incorporated into the learning by adding the optional first aid and rescue limbs.

151-000xx  Resusci Anne Advanced SkillTrainer

Resusci Anne Advanced SkillTrainer Includes:

Full-Body Manikin with Track Suit, Carry Case, IV Arm, Remote Control, 1 Bottle Simulated Blood, 1 Can Airway Lubricant and Directions for Use.

xx = language versions

For more information on the optional Laerdal PC SkillReporting tool, see page 23

Consumables

252090  Airway Lubricant

300-00750  Simulated Blood

325-00350  Replacement Skin & Vein System – Female
Laerdal ALS Baby

Advanced skills training for infant emergencies

The Laerdal ALS baby is a portable skill trainer for realistic infant resuscitation training. Laerdal ALS Baby manikin is a three-month-old infant with an anatomy that offers exceptional realism for individual training. The Laerdal ALS baby offers the opportunity to practice advanced resuscitation skills, including airway management, professional rescuer CPR, vascular access, and 4 connectors, 3-lead ECG monitoring.

Laerdal ALS Baby 200 (Complete) Includes:
ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Lubricant Jelly, HeartSim 200 and Directions for Use.

Laerdal ALS Baby Includes:
ALS Baby Manikin, Molded Plastic Carry Case, 5 IO Leg Replacement Pads, Pulse Bulb, Lubricant Jelly and Directions for Use.

xx = Country Code

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>252090</td>
<td>Airway Lubricant</td>
</tr>
<tr>
<td>082305</td>
<td>Leg Replacement Pads (pkg. 5)</td>
</tr>
<tr>
<td>082025</td>
<td>Lungs/Stomach (pkg. 6)</td>
</tr>
</tbody>
</table>

HeartSim 200 Cardiac Rhythm Simulator can be purchased separately.

www.laerdal.com
VitalSim

Vital signs for manikins and skills trainers

The VitalSim Vital Signs Simulator is the heart of Laerdal’s VitalSim product line. When connected to VitalSim-enabled manikins and skills trainers, VitalSim simulates ECGs, heart tones, fetal heart sounds, breath sounds, bowel sounds, blood pressure and pulses. VitalSim also allows instructors to run pre-programmed scenarios as well as write their own custom scenarios to meet their specific learning objectives. Data logging and download functions provide valuable information for use in performance assessment and debriefing.
VitalSim Vital Signs Simulator Includes:

Control Unit including Battery Case and Batteries (6), Remote Control including Batteries (4), Operating Device to Control Unit Cable, USB Cable for connection to PC, AC Adapter, Software CD, Carry Case, and Directions for Use.

xx = language versions
The VitalSim Configuration Chart is a guide to help you create the ideal training manikin. Simply select your Focus, Pre-Hospital or In-Hospital/Nursing; the Targeted Patient, adult, pediatric or infant; VitalSim Capabilities, complete, ECG only or none; and finally choose the Accessories that will complete your training objectives. Please contact your sales representative for further assistance.

<table>
<thead>
<tr>
<th>VitalSim Capable</th>
<th>MegaCode Kelly</th>
<th>MegaCode Kid</th>
<th>Nursing Anne</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Non-VitalSim Capable</th>
<th>Accessories</th>
<th>276-15001 NBC Module See page 71</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airway Head</td>
<td>Advanced Trauma Modules</td>
<td>381500 Trauma Module See page 31</td>
</tr>
<tr>
<td></td>
<td>Trauma Modules</td>
<td>276-10001 BLS Victim Injury Set</td>
</tr>
<tr>
<td></td>
<td>NBC Module</td>
<td>275-00001 NBC Module</td>
</tr>
<tr>
<td></td>
<td>SimMan Nursing</td>
<td>276-15001 NBC Module</td>
</tr>
<tr>
<td></td>
<td>Wound Module</td>
<td>275-00001 BLS Victim Injury Set</td>
</tr>
<tr>
<td></td>
<td>Arterial Stick Arm</td>
<td>276-16001 Smallpox Module</td>
</tr>
<tr>
<td></td>
<td>Hard Case</td>
<td>325-00650 Mastectomy Module</td>
</tr>
<tr>
<td></td>
<td>Smallpox Module</td>
<td>325-00450 Fundus Skills Module</td>
</tr>
<tr>
<td></td>
<td>Genital Kit, Male &amp; Female</td>
<td>276-16001 Smallpox Module</td>
</tr>
<tr>
<td></td>
<td>200-03650 Genital Kit, Male &amp; Female</td>
<td>325-00750 Breast Exam Module</td>
</tr>
<tr>
<td></td>
<td>277-00001 Pediatric Trauma Modules</td>
<td>325-0050 - Wound Care Assessment Set – Female</td>
</tr>
<tr>
<td></td>
<td>231-00101 IO Leg</td>
<td>276-10001 NBC Module See page 71</td>
</tr>
</tbody>
</table>

For a full list of features see page number below heading.
VitalSim Capabilities

Cardiac Related
- Synchronized variable rate rhythm, abnormalities, and duration
- Programmable waiting rhythms
- Programmable scenario-based algorithms for instructor control
- 3- or 4-lead ECG, pacing and defibrillation capabilities (25–360j)

Blood Pressure / Pulses
- Blood pressure arm for auscultation and palpation of blood pressure
- Korotkoff sounds synchronized with ECG
- Korotkoff sounds volume control in 10 steps, 0–9
- Systolic and diastolic pressure may be set individually in steps of 2 mmHg
- Systolic 0–300 mmHg
- Diastolic 0–300 mmHg
- Auscultatory gap, on/off feature
- Calibrate function to adjust pressure sensor and cuff gauge
- Palpated pulse simulator controls bilateral carotid and brachial and radial pulses in the BP arm
  - Pulses only active when palpated
  - Pulses synchronized with programmable ECG
  - Pulse strengths dependent on BP

Sounds
- Heart sounds synchronized with programmable ECG
- Lung sounds synchronized with breathing rate, 0 - 60 BPM
- Individual lung or bilateral sound selection
- Normal and abnormal bowel sounds
- Computer-generated sounds, mixed with voice input via amplified microphone (sold separately)

Logging/Scenario Functions
- Up to ten scenarios can be uploaded into the VitalSim Control Unit
- Scenarios can be created or modified using the PC Editor
- VitalSim control unit can be connected to a PC via USB cable
- Download up to 25 logs for “after-action” review/debriefing

*BP capabilities not available on pediatric or infant manikins
MegaCode Kelly

*The advanced life support skills manikin for quality education*

MegaCode Kelly is a realistic manikin for training in a wide range of advanced life saving skills in pre-hospital emergencies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-05050</td>
<td>MegaCode Kelly Advanced</td>
</tr>
<tr>
<td></td>
<td>(VitalSim Capable)</td>
</tr>
<tr>
<td>203-05050</td>
<td>MegaCode Kelly Basic</td>
</tr>
<tr>
<td></td>
<td>(VitalSim ECG Capabilities only)</td>
</tr>
</tbody>
</table>

**MegaCode Kelly VitalSim Advanced Includes:**

Manikin, 6 Neck Skins, 1 Roll of Cricothyroid Membrane Tape, Manikin Lubricant, Jacket, Pants, Carry Case, and Directions for Use.

**Accessories**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>275-00250</td>
<td>External Jugular Module</td>
</tr>
<tr>
<td>381500</td>
<td>MegaCode Trauma Module Set</td>
</tr>
</tbody>
</table>

**Consumables**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>250-21050</td>
<td>Airway Lubricant 45 ml</td>
</tr>
<tr>
<td>381105</td>
<td>Neck Skins (pkg. 6)</td>
</tr>
<tr>
<td>200-00250</td>
<td>Cricothyroid Membrane Tape (1 Roll)</td>
</tr>
<tr>
<td>312029</td>
<td>Replacement Skin &amp; Vein System Male</td>
</tr>
</tbody>
</table>

**Laerdal Services**

**Technical Services**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>200-05050EXW</td>
<td>Extended Warranty (1yr)</td>
</tr>
<tr>
<td>200-05050PMB</td>
<td>Basic Preventive Maintenance</td>
</tr>
<tr>
<td>200-05050PMC</td>
<td>Complete Preventive Maintenance</td>
</tr>
</tbody>
</table>

**Educational Services**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>210-90450</td>
<td>Customised Instruction</td>
</tr>
<tr>
<td>210-91050</td>
<td>Custom Scenario Development</td>
</tr>
</tbody>
</table>

See page 134 for the complete Services Catalogue.

VitalSim Unit required for operation. *Sold separately.* See pages 30-31 for more information.

www.laerdal.com
MegaCode Kid

The manikin for child advanced life support skills education

MegaCode Kid is a realistic manikin for training in a wide range of pediatric advanced life saving skills in pre-hospital emergencies. MegaCode Kid has a realistic airway, 1100+ ECGs rhythms, defibrillation and pacing capabilities, and allows drug administration and intraosseous infusion to teach emergency skills.

231-05050  MegaCode Kid Advanced
            (VitalSim Capable)

231-15050  ECG Kid (VitalSim ECG Capabilities only)

The MegaCode Kid VitalSim Includes:
Full-Body Manikin, Multi-Venous IV Training Arm, Intraosseous Leg,
Manikin Lubricant, Jacket, Pants, Carry Case, and Directions for Use.

ECG Kid includes:
Same as above, minus heart, breath, and bowel sounds.

Consumables

250-21050  Airway
            Lubricant
            45 ml

375-70150  Replacement Skin & Vein System

231-00101  Pediatric Intraosseous Leg

VitalSim Unit required for operation. Sold separately.
See pages 30-31 for more information.

Accessories

277-00001  Pediatric Trauma Modules
Nursing Anne

The manikin for the development of clinical skills of in-hospital professionals

Nursing Anne is a manikin designed for scenario-based training for the care and management of a wide variety of in-hospital patients. Anne is an efficient, effective, flexible manikin for clinical training in women’s health, obstetrics, post-partum, wound assessment and care, and general patient assessment and care.

325-05050  Nursing Anne (VitalSim Capable)
325-20050  Nursing Anne (Non-VitalSim Capable)

Nursing Anne VitalSim Advanced Includes:

Adult, Full-Body Female Manikin, Hospital Gown, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

See pages 30-31 for more information.
Breast Exam Module

The Breast Exam Module facilitates training in the recognition of breast abnormalities, sizes of nodules, and relative locations by simulating multiple abnormalities found during breast examinations.

325-00750  Breast Exam Module

Mastectomy Module

The Mastectomy Module is used to practice post-surgical mastectomy care procedures.

325-00650  Mastectomy Module

Fundus Skills and Assessment Module

The Fundus Skills and Assessment Module features the normal anatomy of the status-post or post-partum female abdomen designed for training fundus assessment and massage skills.

325-00450  Fundus Skills and Assessment Module

Wound Care and Assessment Set

325-00550  Wound Care Assessment Set – Female
Nursing Kelly

The manikin for the training of skills for in-hospital professionals

Nursing Kelly is a manikin designed for scenario-based training of the care and management of a wide variety of in-hospital patients. Training includes blood pressure measurement, sounds auscultation, wound care assessment and management. This full-body adult male manikin is perfect for beginning education for in-hospital healthcare professionals.

Nursing Kelly VitalSim Includes:

Adult, Full-Body Male Manikin, Hospital Gown, Manikin Lubricant, Assembly Tool Kit and Directions for Use.

Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-05050</td>
<td>Nursing Kelly (VitalSim Capable)</td>
</tr>
<tr>
<td>300-20050</td>
<td>Nursing Kelly (Non-VitalSim Capable)</td>
</tr>
<tr>
<td>301-00001</td>
<td>Patient Kelly (Solid Head with Drilled Openings)</td>
</tr>
</tbody>
</table>

300-01050 Wound Care Assessment Set – Male
(not shown)

VitalSim Unit required for operation. Sold separately.
See pages 30-31 for more information.
Nursing Kid

The clinical skills training manikin for in-hospital pediatric professionals

Nursing Kid is a training manikin realistically representing a six-year-old child. He is designed for skills and scenario-based training of the care and management of a variety of pediatric in-hospital patients. Training includes sounds auscultation, IV cannulation, urinary catheterization, and general pediatric patient care. This child is ideal for clinical training in core pediatric in-hospital clinical skills.

350-05050 Nursing Kid (VitalSim Capable)
350-10050 Nursing Kid (Non-VitalSim Capable)

Nursing Kid VitalSim Includes:
Full-Body Pediatric Manikin, Manikin Lubricant, Simulated Blood, Hospital Gown, Carry Case, and Directions for Use.

VitalSim Unit required for operation. Sold separately. See pages 30-31 for more information.

Consumables

250-21050 Airway Lubricant 45 ml
375-70150 Replacement Skin & Vein System – Pediatric
231-00101 Pediatric Intraosseous Leg
350-00150 Valve/Clamp Set Anal (3), Urinary (3)
300-00750 Simulated Blood
Nursing Baby

The clinical skills training manikin for in-hospital infant professionals

Nursing Baby is an infant manikin designed for scenario-based training of the care and management of a variety of infant in-hospital patients. Training includes sounds auscultation, IV and IO skills, fontanelle assessment, urinary catheterization and general pediatric patient care. This infant is unrivaled for clinical training in core pediatric in-hospital clinical skills.

365-05050  Nursing Baby (VitalSim Capable)
365-10050  Nursing Baby (Non-VitalSim Capable)

Nursing Baby VitalSim Includes:

Full-Body, Infant Manikin, VitalSim, 3 Simulated Rectal Suppositories, Manikin Lubricant, Baby Pants, Simulated Blood, Carry Case, and Directions for Use.

Consumables

365-00450  Replacement Sleeve – IO Leg
365-00550  Replacement Sleeve & Vein – IV Leg
365-00650  Replacement Sleeve & Vein – IV Arm
250-21050  Airway Lubricant 45 ml
365-00750  Rectal Suppositories (pkg. 3) (Not Shown)
Convalescent Kelly

The cost-effective manikin for patient care and CPR training of nurse aids

Convalescent Kelly combines the ability to teach CPR with features to facilitate basic care procedures in a cost-effective, full-body adult manikin. Realistic articulation permits many basic patient care practices including range of motion, bathing, and patient transfer technique. The anatomically accurate landmarks allow for realistic practice of CPR, identification of intramuscular sites, and urinary catheterization.

302-00001 Convalescent Kelly

Convalescent Kelly Includes:

Adult Full-Body Male Manikin, Upper and Lower Dentures, 3 Reusable Mouthpieces, 100 Disposable Airways, Hospital Gown, Assembly Tool Kit, Male and Female Genitalia, and Directions for Use.

<table>
<thead>
<tr>
<th>Patient Care Manikin Consumables</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00450 Valve/Clamp Set – Anal (pkg. 3)</td>
</tr>
<tr>
<td>381402 Deltoid Injection Pad</td>
</tr>
<tr>
<td>325-00250 Gluteal Injection Pad – Female</td>
</tr>
<tr>
<td>100-00450 Disposable Airways (pkg. 100)</td>
</tr>
</tbody>
</table>

Convalescent Kelly Only
Neonatal Resuscitation Baby

*The manikin for use in Neonatal Resuscitation Programs*

The Neonatal Resuscitation Baby is a newborn infant manikin. It has a realistic airway, articulation, and umbilical catheterization to meet training needs in the Neonatal Resuscitation Program.

240-00001 Neonatal Resuscitation Baby

**Neonatal Resuscitation Baby Includes:**

- Infant Manikin, 3 Replaceable Umbilical Cords, 1 Bottle Simulated Blood, Manikin Lubricant, Baby Pants and Directions for Use.

Consumables

- 250-21050 Airway Lubricant 45 ml
- 240-00150 Umbilical Cord Set (pkg. 3)
- 240-00250 Simulated Umbilical Blood
- 277-00150 Baby Powder

Nita Newborn

*Comprehensive vascular access training in a newborn manikin*

The Nita Newborn is a model of a 1.8 kg, 40 cm newborn female with realistic landmarks and articulation for vascular access procedures.

VT-800 Nita Newborn

**Nita Newborn Includes:**

- Infant Manikin, Fluid Bag and Tubing, Simulated Blood, Diaper, and Carry Case.

Consumables

- VT-801 Skin and Vein Replacement Set
- VT-802 Umbilical Valve Replacement
- VT-803 Vein Replacement
- VT-609 Large Simulated Blood Reservoir Bag
- VT-491 Simulated Blood 1 qt.
Laerdal Airway Management Trainer

The skills trainer for adult airway management training

Realistic practice is the key to developing proficiency in airway management skills. The Laerdal Airway Management Trainer’s lifelike upper torso and head simulates real-world complications when practicing a variety of intubation, ventilation, and suction techniques.

Laerdal Airway Management Trainer Includes:
Manikin on Sturdy Board, Airway Demonstration Model, Cleaning Kit, Airway Lubricant, Carry Case, and Directions for Use.

**xx = Country Code**

Consumables

252090 Airway Lubricant

252800 Concentrated Simulated Vomit
**Deluxe Difficult Airway Trainer**

*Management of the obstructed airway*

The Deluxe Difficult Airway Trainer features a manually inflatable tongue to simulate obstructed airway and is designed for training the management of difficult airways.

**261-10001** Deluxe Difficult Airway Trainer

Deluxe Difficult Airway Trainer Includes:
Airway Torso, 6 Neck Skin Collars, 1 Roll Cricothyroid Membrane Tape, and Manikin Lubricant.

**Pediatric Intubation Trainer**

*PALS airway management skills trainer*

Anatomically accurate reproduction of a pediatric torso designed for teaching the differences in pediatric and adult anatomy for airway management procedures.

**255-00001** Pediatric Intubation Trainer

Pediatric Intubation Trainer Includes:
Pediatric Intubation Trainer, Manikin Lubricant, Shorts, Carry Case and Directions for Use.
Laerdal Infant Airway Management Trainer

The most realistic tool for practicing the specialized skills required for infant airway management

Realistic practice is the key to developing proficiency in airway management skills. The Laerdal Infant Airway Management Trainer provides the realistic anatomy of a three-month-old infant for teaching and practicing basic and advanced airway management skills.

250-00250  Laerdal Infant Airway Management Trainer

Laerdal Infant Airway Management Trainer Includes:
Infant Trainer, Airway Lubricant and Directions for Use.

Laerdal Neonatal Intubation Trainer

Ideal for newborn intubation training

Laerdal Neonatal Intubation Trainer allows teaching of intubation skills on the newborn baby. Robust and realistic, this model allows students to undertake training that is directly transferable to the clinical setting.

250-00101  Laerdal Neonatal Intubation Trainer

Laerdal Neonatal Intubation Trainer Includes:
Neonatal Trainer, Manikin Lubricant and Directions for Use.

Consumables

250-21050  Airway Lubricant 45 ml
Cricoid Stick Trainer

*Simulating realistic needle and surgical cricothyrotomy*

Needle and surgical cricothyrotomy skills can be practiced on this model with interchangeable rigid and soft tracheas, that also articulates to a range of adult manikins.

261-01001  Cricoid Stick Trainer

**Cricoid Stick Trainer Includes:**
- Head, Rigid Trachea with Simulated Lung
- Soft Trachea with Simulated Lung
- Replaceable Neck Skin

**Consumables**

- 261-01150  Replaceable Trachea – Rigid
- 261-01250  Replaceable Trachea – Soft
- 261-01350  Replacement Neck Skin

Choking Charlie

*Designed specifically for training of the Heimlich Abdominal Thrust Maneuver*

The Choking Charlie manikin is an adult torso designed specifically for training students in the performance of the Heimlich Abdominal Thrust Maneuver. Realistic anatomy and response using simulated boluses provide instructors with an excellent tool for instructing and practicing this lifesaving technique.

102-00001  Choking Charlie

**Choking Charlie Manikin Includes:**
- Torso, 4 Simulated Boluses, Talcum Powder, Tank Top, and Carry Case

**Consumables**

- 102-00150  Simulated Boluses (4)
Pneumothorax Trainer

The Pneumothorax Trainer, with bilateral tension pneumothoraces and decompression portals in each axilla and sub-clavian region, is specifically designed for training professionals in the practice of chest decompression.

Pneumothorax Trainer Includes:

Torso Manikin, Bladder Replacement Kit, Manikin Lubricant, Tank Top, Carry Case, and Directions for Use.

Consumables

250-21050 Airway Lubricant 45 ml

200-00150 Bladder Replacement Kit
12-Lead Task Trainer

Adult male upper torso with anatomically accurate landmarks designed for 12-lead training.

12-Lead Task Trainer Includes:
Adult Manikin Torso with Electronics, Wired Remote Control, “C” Cell Batteries, Manikin Lubricant, Tank Top, Carry Case, and Directions for Use.

Blood Pressure Training Arm

Lifelike adult arm with electronic trainer designed for training the procedure of NIBP measurement.

The Blood Pressure Training Arm Includes:
Adult Arm, Blood Pressure Trainer, Cuff, 9-Volt Battery, Trainer Controller, and Carry Case.

xx = language versions
Mr. Hurt Head Trauma Trainer

Realistic cranial trauma management

Cast from an actual victim of a highway accident, Mr. Hurt Head Trauma Trainer presents students with a variety of trauma conditions. This trainer comes mounted to a base, but can be easily transferred to adult manikins for use in full-body trauma scenarios.

261-02001  Mr. Hurt Head Trauma Trainer
VitalSim Task Trainers

VitalSim Arrhythmia Trainer*

200-20250 VitalSim Arrhythmia Trainer

Arrhythmia Trainer Includes:
Arrhythmia Box with Connection Cable and Soft Carry Case.

* Must be used with VitalSim (sold separately). See pages 30-31.

VitalSim Sounds Trainer*

200-20150 VitalSim Sounds Trainer

Sounds Trainer Includes:
Four Auscultation Speakers, a Connection Cable and Soft Carry Case.

* Must be used with VitalSim (sold separately). See pages 30-31.

VitalSim Blood Pressure Trainer*

375-42050 VitalSim Blood Pressure Trainer

Blood Pressure Trainer Includes:
Female Blood Pressure Arm with Connection Cable, Blood Pressure Cuff, and Soft Carry Case.

* Must be used with VitalSim (sold separately). See pages 30-31.
Male Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

270-00001  Male Multi-Venous IV Training Arm Kit
380700   Male Multi-Venous IV Training Arm

Multi-Venous IV Training Arm Kits Include:
Arm, Replacement Skin and Multi-Vein System, Simulated Blood, Blood Bag with Tubing and Connector, Clamp and Hook, 5 Syringes, Manikin Lubricant, Carry Case, and Directions for Use.

Female Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

375-50001  Female Multi-Venous IV Training Arm Kit
375-51001  Female Multi-Venous IV Training Arm

Consumables

250-21050  Airway Lubricant 45 ml
300-00750  Replacement Skin & Vein System – Male
312029    Replacement Skin & Vein System – Male
325-00350  Replacement Skin & Vein System – Female

www.laerdal.com
Pediatric Multi-Venous IV Training Arm Kit

Lifelike arm reproduction with multi-vein system designed for peripheral intravenous therapy.

375-70001 Pediatric Multi-Venous IV Training Arm Kit
375-71001 Pediatric Multi-Venous IV Training Arm

Multi-Venous IV Training Arm Kits Include:
Arm, Replacement Skin and Multi-Vein System, Simulated Blood, Blood Bag with Tubing and Connector, Clamp and Hook, 5 Syringes, Manikin Lubricant, Carry Case, and Directions for Use.

Arterial Arm Stick Kit

Lifelike adult male arm reproduction with infusible arteries designed for training the proper arterial puncture procedure for blood gas analysis.

375-80001 Arterial Stick Arm Kit
375-81001 Arterial Stick Arm

Arterial Arm Stick Kit Includes:
Adult Male Arm, Replacement Skin and Artery Set, 5 Syringes, Simulated Blood, Manikin Lubricant, Carry Case, and Directions for Use.

Consumables

250-21050 Airway Lubricant 45 ml
300-00750 Simulated Blood – Red
375-70150 Replacement Skin & Vein System – Pediatric
375-80150 Replacement Skin & Arteries
Laerdal IV Torso

The most realistic tool for adult IV training

The Laerdal IV Torso allows practicing of intravenous access techniques for both advanced cardiac life support and trauma, delivered by organizations around the world. The IV Torso has been specifically designed to meet the key educational goals of training programs.

Laerdal IV Torso Includes:
Carry Case, 1 bottle of Simulated blood, 1 Set of IV Pads, and Directions for Use

AT Kelly Torso

Central venous access training with the added feature of chest decompression

The AT Kelly Torso was designed for training central venous access and chest decompression with the added benefit of airway management features.

AT Kelly Torso Includes:
Adult Torso, Bladder Replacement Kit, Manikin Lubricant, Tank Top, and Carry Case.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>090019</td>
<td>Laerdal IV Torso</td>
</tr>
<tr>
<td>092001</td>
<td>Neck Replacement Pad</td>
</tr>
<tr>
<td>092003</td>
<td>Femoral Replacement Pad</td>
</tr>
<tr>
<td>092103</td>
<td>Simulated Blood</td>
</tr>
<tr>
<td>260-00001</td>
<td>AT Kelly Torso</td>
</tr>
<tr>
<td>250-21050</td>
<td>Airway Lubricant 45 ml</td>
</tr>
<tr>
<td>200-00150</td>
<td>Bladder Replacement Kit</td>
</tr>
</tbody>
</table>
Vascular Access

Chester Chest

Lifelike model of human torso with detachable right arm designed for the insertion care, and removal of common long-term vascular access routes.

VT-400P  Chester Chest
VT-501  Carrying Case for Chester Chest

Chester Chest Includes:
Torso w/Neck and Chin, Detachable Right Arm, Blood Reservoir Bags, Tubing and Baby Powder.

Peter PICC Line

Upper torso model with right arm designed for practicing insertion, care, and removal of Peripherally Inserted Central Catheter Lines.

VT-600  Peter PICC Line

Peter PICC Line Includes:
Lightweight Torso with Moveable Chin, Complete Vein Set, Fluid Bag, and Tubing, Supply Case, and Carry Case.

Consumables

Chester Chest
VT-405  Outer Tissue Flap Replacement
VT-406  Generic Port – IVAD
VT-407  Central Venous Catheter – CVC
VT-408  PICC Line
VT-420  Difficult Accessing Insert
VT-430  Difficult Accessing Insert
VT-440  Difficult Accessing Insert
VT-609  Simulated Blood Reservoir Bag

Peter PICC Line
VT-491  Simulated Blood – 1 qt
VT-601  Arm Vein Tubing Set
VT-602  Body Vein Tubing Set
VT-603  Replacement Arm Skin
VT-604  Replacement Body Skin
Femoral Access Trainer

The Femoral Access Trainer is an adult lower torso reproduction with realistic anatomical landmarks and infusible venous and arterial systems designed for teaching femoral access procedures.

262-00001 Femoral Access Trainer

The Femoral Access Trainer Includes:
Lower Torso, 5 Syringes, 3 IV Bags with Hoses and Clamps, Blood Concentrate – 1 Blue - 1 Red, Manikin Lubricant, Carry Case and Directions for Use.

IM Hip Task Trainer

The IM Hip Task Trainer allows visualization of the relationship of bone to muscle while training the administration of medication via dorsogluteal injection.

375-34501 IM Hip Task Trainer
261-02150 Carry Case
Respiratory and Wound Care Task Trainers

NG Tube and Trach Care Trainer

Torso task trainer designed for instruction in the care of patients with respiratory conditions and the practice of gastrointestinal care procedures via nasal and oral access.

![NG Tube and Trach Care Trainer](image)

375-10001  NG Tube and Trach Care Trainer

NG Tube and Trach Care Trainer includes:

- Adult Male Torso
- Manikin Lubricant
- Tank Top
- Carry Case
- Directions for Use

Consumables

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>250-21050</td>
<td>Airway Lubricant 45 ml</td>
</tr>
<tr>
<td>300-00850</td>
<td>Trach Plug</td>
</tr>
</tbody>
</table>

Wound Care Model

Molded from a 74-year-old patient, this model allows training in wound cleansing, classification, staging, and assessment.

![Wound Care Model](image)

VT-900  Wound Care Model
VT-901  Carrying Case for Wound Care Model
Catheterization and Enema Trainer

Interchangeable Catheterization and Enema Task Trainer

Life-size female pelvis with interchangeable genitalia designed for practicing urologic and rectal access gastrointestinal care procedures.

375-21001 Catheterization and Enema Trainer
375-21350 Health Care In-service Wounds
325-00450 Fundus Skills Module

Catheterization and Enema Trainer Includes:
Adult Female Pelvis with Upper Thighs, Male and Female Genitalia,
6 Connectors and Carry Case.

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00150</td>
<td>Thigh Injection Pad</td>
</tr>
<tr>
<td>300-00250</td>
<td>Ventrogluteal Injection Pad – Male</td>
</tr>
<tr>
<td>300-00350</td>
<td>Gluteal Injection Pad – Male</td>
</tr>
<tr>
<td>300-00450</td>
<td>Valve/Clamp Set – Anal (pkg. 3)</td>
</tr>
<tr>
<td>305-00150</td>
<td>Ventrogluteal Injection Pad – Female</td>
</tr>
<tr>
<td>325-00250</td>
<td>Gluteal Injection Pad – Female</td>
</tr>
<tr>
<td>325-00550</td>
<td>Valve/Clamp Set – Urinary (pkg. 3)</td>
</tr>
<tr>
<td>380475</td>
<td>Pelvic Pin</td>
</tr>
</tbody>
</table>
Fundus Skills and Assessment Trainer

The Fundus Skills and Assessment Trainer features the normal anatomy of the status-post or postpartum female abdomen designed for training fundus assessment and massage skills.

The Fundus Skills and Assessment Trainer includes:

- Female Pelvis with Upper Thighs
- Firm Fundus
- "Boggy" Fundus
- Simulated Blood
- Peri Pads (5)
- Baby Powder

Consumables

- 277-00150 Baby Powder
- 300-00750 Simulated Blood – Red
Childbirth and Development

Life in the Womb Prenatal Education Set

Easily review development from conception to six weeks post-partum with this set of products.

- 79747  Life in the Womb Prenatal Education Set
- 43319  With Child Life-Size Display (only)

Breast Exam Model

Realistic life-size model designed for teaching breast examination.

- WOB-2000  Breast Exam Model
Baby Umbi

Female newborn infant reproduction designed for the practice of umbilical catheterization.

250-00501  Baby Umbi

Baby Umbi includes:

Baby Umbi Trainer; Umbilical and Directions for Use.

Consumables

240-00150 Unbilical Cord Set (3) Skin and Vein
240-00250 Simulated Umbilical Blood

Neonatal Skills Trainers

Baby Ivy

Simulated infant head with internally molded scalp veins designed for practicing neonatal peripheral venous access.

375-30001  Baby Ivy

Baby Arti

Lifelike reproduction of an infant arm with bony structures allows students to master the technique of neonatal radial artery puncture.

375-32001  Baby Arti
Neonatal Skills Trainers

Baby Stap
Reproduction of a neonatal infant positioned for the practice of lumbar puncture techniques.

375-34001 Baby Stap

Baby Hippy
Reproduction of the lower torso and limbs of a female newborn designed to train professionals in diagnosing both congenital hip dislocation and hip dislocatability.

375-35001 Baby Hippy

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00750</td>
<td>Simulated Blood – Red</td>
</tr>
<tr>
<td>375-34150</td>
<td>Replacement Tubing (Baby Stap)</td>
</tr>
<tr>
<td>375-32150</td>
<td>Replacement Skin &amp; Artery (Baby Arti)</td>
</tr>
</tbody>
</table>
MAKING SIMULATION EASIER

BUILT TO LAST

HELPING YOU SUCCEED
MAKING SIMULATION EASIER

Our main goal when building the latest generation of simulators was to develop systems so advanced that they’re actually easier to operate. Our simulation solutions are created with you in mind—balancing the most cutting-edge technology with simple set-up and easy-to-run scenario programs.

BUILT TO LAST

With 50 years of experience in medical educational products, Laerdal is a company you can trust. We pride ourselves on developing and building the highest-quality products — and offering top-notch services that are tailored to the needs of our customers. Whether you’re looking for an advanced or simple simulator, scenarios developed specifically for turn-key implementation, or educational and technical services, Laerdal can provide exactly what you need.

HELPING YOU SUCCEED

Laerdal is dedicated to helping you meet—and exceed—your educational goals. From simulators and scenarios to installation and training, our products and services are designed to help you achieve the optimal training environment with the most realistic outcome possible.

Please visit our web-site for additional information regarding features, accessories and consumables.
SimMan 3G

The next generation of Laerdal Simulation

The new SimMan 3G patient simulator is so advanced, it’s actually easy to operate. Whether you’re programming a scenario, using a pre-programmed scenario, or using SimMan 3G on the fly, we’ve made a successful simulation experience as simple as possible.

**Easy to Use** - SimMan 3G’s intuitive software interface, with three flexible operating modes, allows novice and expert instructors to create effective simulations more quickly than ever before.

**Easy to Operate** - A revolutionary new way to manage a Laerdal patient simulator, Auto Mode is designed to be the most automatic way of operating SimMan 3G, making it even easier for users to run simulations. The SimMan 3G Auto Mode combines physiological models, pre-programmed patient cases, and an innovative method for managing model-based simulation. Instructors can take advantage of preprogrammed pharmacological responses for over 108 drugs, but without the complexity that often comes with physiological model based simulations. Repeatedly run the most complex cases with ease—and tailor the difficulty to match the skills of every student.

**Easy to Teach** - Operating SimMan 3G “on the fly” using the new Instructor Mode, instructors who like to combine their knowledge, skills and direct control of the scenario to help students learn can now run the simulator much more easily as the simulation progresses. Exciting features of the Instructor Mode include easy access to the most important vital signs; an easy-to-learn and easy to use interface; and precise control of the scenario.

**Easy to Program** - SimMan 3G’s powerful scenario-editing capability, an integrated part of Instructor Mode, is built on the tried, tested, and proven SimMan software, so you can be certain it’s the best. It includes the same flow diagrams, trends, handlers, and events that have made it easy to write, run, and debrief a SimMan simulation.

With SimMan 3G scenario writing and validation is easy to learn. And once a custom simulation is prepared, it behaves exactly as the instructor needs time after time—so every student can be taught in the same standardized way. The software can even include images, sounds, and multimedia graphics to further enhance the students’ learning experiences.
212-00050  SimMan 3G, Manikin US+IE
212-090xx  Operator PC, Tablet PC 12", Pen touch, (incl. docking station)
212-092xx  Patient Monitor, Tablet PC 12", Finger touch,

Optional:
212-093xx  Patient Monitor Panel PC 17", w power cable

*xx = language version
SimMan 3G

Real Environments, Real Results
SimMan 3G’s durable and rugged construction provides you with the flexibility to perform simulation-based education in the environment of your choice. Built with the quality you’ve come to expect from Laerdal, SimMan 3G was developed to be the most reliable patient simulator in the world—giving you the peace of mind to know that you can train where you practice medicine - in real environments with real results.

The “All Terrain” Solution
With SimMan 3G you can train in the actual environments in which your students will be working—such as in a hospital or ambulance or even in a military combat environment. Completely wireless, self-contained, rugged, and reliable, SimMan 3G boasts the proven quality and durability you’ve come to expect from Laerdal.

More than a Patient Simulator
SimMan 3G is much more than a patient simulator; it integrates fully with the complete learning circle of Laerdal products. With its video debriefing, patient monitoring, pre-packaged patient cases and scenarios, available Advanced Video System, and other accessories, SimMan 3G is a complete simulation offering to help provide a turn-key learning solution.
**Eye Signs**
Include pupillary responses to light, blinks at slow, normal and fast rates, winks and open, partially open and closed reactions.

**Drug & Event Recognition**
The new and advanced Drug Recognition System allows students to administer drugs simultaneously. It registers the amount, speed and type of drug automatically and applies the appropriate physiological responses saving the instructor time and improving the overall intelligent debrief.

**Convolutions**
Degrees of seizures and convulsions can be created from minor effect through to a full convolution through the Instructor Mode.

**SimMan 3G includes:**
- SimMan 3G Manikin
- SimMan 3G Software & License
- Operator’s Tablet PC
- Simulated Patient Monitor and Software
- Simulated Patient Cables
- Webcam
- Drug Recognition Kit
- Soft Sided Transportation Cases
- Specially Designed Clothing
- Sample Package10 SimMan 3G Patient Cases for AutoMode
- 1 Year Manufacturer’s Warranty

**Scenario Packages:**
- SimMan3G Patient Cases: Volume I – for Automatic Mode
- SimMan National League for Nursing Scenarios: Volume I – for Instructor Mode
- SimMan AHA ACLS Scenarios – for Instructor Mode
- SimMan MicroSim Scenario Package – for Instructor Mode
- SimMan Disaster Preparedness Scenarios: Volume I - for Instructor Mode

**Eye Signs**
Include pupillary responses to light, blinks at slow, normal and fast rates, winks and open, partially open and closed reactions.

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- 1 Year Manufacturer’s Warranty

**Scenario Packages:**
- SimMan3G Patient Cases: Volume I – for Automatic Mode
- SimMan National League for Nursing Scenarios: Volume I – for Instructor Mode
- SimMan AHA ACLS Scenarios – for Instructor Mode
- SimMan MicroSim Scenario Package – for Instructor Mode
- SimMan Disaster Preparedness Scenarios: Volume I - for Instructor Mode

**Accessories:**
- Simulated Patient Monitor & Software (Large screen, Panel PC w/power cord)
- Hard Sided Transportation Case - Rugged and weatherproof
- Advanced Video System
- Wound Modules and Moulage Kits
- Tablet PC Accessory Kit (Monitor, Keyboard, Mouse)
- Portability Kit
- Compressor

**Educational Services**
- 212-90950 Introduction to SimMan 3G at Laerdal
- 212-90150 Introduction to SimMan 3G On-Site
- 212-90550 Scenario Programming for SimMan 3G
- 212-90450 Customised Instruction
- 212-91050 Custom Scenario Development

Services available differ between countries. Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue
SimMan

The advanced simulator for training in emergencies

SimMan is a portable and advanced patient simulator for team training. SimMan has realistic anatomy and clinical functionality. SimMan provides simulation-based education to challenge and test students’ clinical and decision-making skills during realistic patient care scenarios. SimMan includes well-proven software and an interactive technologically advanced manikin allowing learners to practice the emergency treatment of patients.

SimMan software is easy to operate and allows you to build advanced scenarios, including Trends and Handlers, to meet your learning objectives. The software communicates with the manikin and registers events during the simulation. The user interface is designed to make it easy to control, adjust and manage the scenarios.

The software automatically generates a debriefing view combining eventlogs with synchronized recordings of the patient monitor and in-room video. Easy-to-use navigation tools and adjustable level of detail help the instructor to optimize the simulation as an educational tool.
SimMan comes with a simulated patient monitor.

The 17” color LCD screen provides 12-lead ECGs, SpO₂, CO₂, Hemodynamic pressures (ABP, CVP, PAP, PCWP, NIBP), Cardiac Output, and several other parameters. Touch-screen operation allows for setting of waveform parameters, alarm functions, and screen layouts. Media files illustrating lab results, x-ray and ultrasound, snapshot of 12-lead ECG and trends can also be shown on the patient monitor.

211-00050   SimMan main product

SimMan Includes: Manikin, BP cuff, SpO₂ probe, Air/CO₂ tube, Operating software, Directions for Use.

210-090xx   Peripherals kit Complete
Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control, LinkBox and laptop.

210-091xx   Peripherals kit Standard
Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control and LinkBox.

Optional accessory:
210-01050 Compressor 230-240 V
210-01150 Compressor 110 V
381220     Regulator unit

Consumables
300-00750  Simulated Blood
250-21050  Airway Lubricant 45 ml
381105     Neck Skins (pkg. 6)
200-00250  Cricothyroid Membrane Tape (1 Roll)
312029     Replacement Skin & Vein System – Male

Laerdal Services

Technical Services
1008407    Installation Service
211-00050EXW Extended Warranty (1 yr)
211-00050PMB Basic Preventative Maintenance
211-00050PMC Complete Preventative Maintenance

Educational Services
210-90950   Introduction to SimMan/SimBaby at Laerdal
210-90150   Introduction to SimMan/SimBaby On-Site
210-90550   Scenario Programming for SimMan/SimBaby
210-90450   Customised Instruction
210-91050   Custom Scenario Development

Services available differ between countries. Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue.
SimMan Optional Features

Regulator Unit
A regulator unit will be needed if you choose to use an existing fixed air source for running the simulator. The regulator will connect to a wall air outlet or to standard compressed air and CO₂ containers available from local suppliers.

381220 Regulator Unit

Portability/Power Adapter Kit
Kit allows the simulator to be used indoors and outdoors during training scenarios.

Kit includes:
Battery pack – supplies power to the link box and adapter kit, Regulator unit – for portable compressed air and CO₂ canisters, Carrying case – can be attached to any standard gurney

381850 Portability/Power Adapter Kit

Nursing Wound Module Set
Nursing wounds can be added to the simulator for realism in wound assessment and care scenarios.
- Chest surgical incision with skin staples (lay-on)
- Abdominal packing and irrigation wound (lay-on)
- Abdominal surgical incision lay-ons, one with nylon sutures and penrose drain and one with staples and penrose drain
- Infected colostomy stoma
- Lacerated hand
- Forearm Suture Module
- Gluteal and ventro-gluteal pressure ulcer modules
- Thigh packing and irrigation wound
- Thigh suture module
- Thigh debridement module
- Below knee amputation
- Varicose vein leg with stasis ulcer
- Diabetic foot with gangrenous toes and heel decubitus ulcer

381450 Nursing Wound Module Set
211-20050 SimMan Nursing Wound Module Set (include pedal puls)

Simulated Smallpox Module Set
Laerdal Simulated Smallpox Module Set offers the ability to identify the effects of abnormal and normal skin reactions to smallpox inoculation. The set also includes a blank deltoid pad for the practice of inoculation.

276-16001 Simulated Smallpox Module Set
Bleeding Trauma Modules

This set was designed to teach the rapid identification and effective management of bleeding control, per ATLS guidelines or military procedure, to prevent loss of life.

381500  Bleeding Trauma Modules

Bleeding Trauma Module Set Includes:
- Appendages, Reservoirs with Tubing (4), Simulated Blood (4 bottles), and Carry Case.

The Forced Air Bleeding Control System adds the ability to simulate realistic bleeding and hemorrhage control scenarios to SimMan and other Laerdal training products.

210-00150  Forced Air Bleeding Control System

Forced Air Bleeding Control System Includes:
- Appendages, 1 Pressure Tank, 3 Hoses, 1 Two-way Manifold, 6 Quick Disconnect Couplers and 6 Pull Ties.

210-00550  Forced Air Bleeding System Complete

Forced Air Bleeding System Complete Includes:
- Bleeding Trauma Module Set and Forced Air Bleeding Control System.

Simulated NBC Module

With the increased global awareness of potential nuclear, biological, and chemical attacks, it is becoming increasingly important for clinicians, first responders, military personnel and educators to be able to recognize, diagnose, and treat the symptoms of such an attack.

Laerdal Simulated NBC Module offers the ability to replicate the effects of toxic agents by producing realistic, frothy bodily fluids that emanate from the tear ducts, mouth, and nose.

276-15001  Simulated NBC Module

Simulated NBC Module Includes:
- Face Cover, OD Green Ruck Sack, Liquid Soap Fluid Tank, Clear Fluid Tank, Manifold with Tubing, and 4 oz Bottle Liquid Soap.
SimBaby

*The advanced simulator for training in infant emergencies*

SimBaby is the portable advanced infant patient simulator for team training. SimBaby has realistic anatomy and clinical functionality that enables simulation training. SimBaby includes software with video debriefing and an interactive technologically advanced manikin allowing learners to practice the emergency treatment of infant patients.

SimBaby has an anatomically realistic airway that allows accurate simulation of all relevant infant airway management and patient care situations. SimBaby can simulate a wide range of breathing patterns including variable rate and depth, and complications like subcostal retractions and see-saw breathing. Relevant circulation features, include palpable pulse on several locations, BP measurement, realistic IV and IO access.

SimBaby software is easy to operate and allows you to build advanced scenarios, including Trends and Handlers, to meet your learning objectives. The software communicates with the manikin and registers events during the simulation. The user interface is designed to make it easy to control, adjust and manage the scenarios.

The software automatically generates a debriefing view combining event logs with synchronized recordings of the patient monitor and in-room video. Easy-to-use navigation tools and adjustable level of detail help the instructor to optimize the simulation as an educational tool.
SimBaby comes with a simulated patient monitor.

The 17” color LCD screen provides 12-lead ECGs, SpO₂, CO₂, Hemodynamic pressures (ABP, CVP, PAR, PCWP, NIBP), Cardiac Output, and several other parameters. Touch-screen operation allows for setting of waveform parameters, alarm functions, and screen layouts.

Media files illustrating lab results, x-ray and ultrasound, snapshot of 12-lead ECG and trends can also be shown on the patient monitor.

245-05050  SimBaby main product

SimBaby Includes: Manikin, BP Cuff, SpO₂ probe, Air/CO₂ tube, Set of consumables, Operating software, Directions for Use

210-090xx  Peripherals kit Complete

Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control, LinkBox and laptop

210-091xx  Peripherals kit Standard

Includes: Simulated patient monitor, USB web-camera, USB hub, PDA as remote control and LinkBox

Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>245-12150</td>
<td>Skin and ven. IV Arm right</td>
</tr>
<tr>
<td>245-11150</td>
<td>Leg Lower IV/O right (pkg. 3)</td>
</tr>
<tr>
<td>245-11650</td>
<td>Leg Lower IV/O left (pkg. 3)</td>
</tr>
<tr>
<td>245-13050</td>
<td>Chest skin w/foam</td>
</tr>
<tr>
<td>245-13150</td>
<td>Pleura for chest (pkg. 10)</td>
</tr>
<tr>
<td>245-16850</td>
<td>Esophagus filter (pkg. 50)</td>
</tr>
<tr>
<td>245-13250</td>
<td>Pneumothorax bladder (pkg. 5)</td>
</tr>
<tr>
<td>250-21050</td>
<td>Airway lubricant 45ml</td>
</tr>
<tr>
<td>245-11350</td>
<td>IV Bag w/tubing (pkg. 1)</td>
</tr>
<tr>
<td>100019</td>
<td>Blood Concentrate, 100 ml</td>
</tr>
</tbody>
</table>

Optional accessory:

- 210-01150  Compressor 110V
- 210-01050  Compressor 230/240V
- 381220    Regulator unit
- 381850    Portability kit
- 245-18050  Transportation case simulator peripherals
- 381602    Transportation case compressor

*xx = language version

Laerdal Services

### Technical Services

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
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<td>1008407</td>
<td>Installation Service</td>
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<tr>
<td>245-05050EXW</td>
<td>Extended warranty (1yr)</td>
</tr>
<tr>
<td>245-05050PMB</td>
<td>Basic Preventive Maintenance</td>
</tr>
<tr>
<td>245-05050PMC</td>
<td>Complete Preventive Maintenance</td>
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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
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</tr>
<tr>
<td>210-90150</td>
<td>Introduction to SimMan/SimBaby On-Site</td>
</tr>
<tr>
<td>210-90550</td>
<td>Scenario Programming for SimMan/SimBaby</td>
</tr>
<tr>
<td>210-90450</td>
<td>Customised Instruction</td>
</tr>
<tr>
<td>212-91050</td>
<td>Custom Scenario Development</td>
</tr>
</tbody>
</table>

Services available differ between countries. Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue.
Advanced Video System

Improving learning with high quality debriefing.

Debriefing is a critical part of simulation based education, and this process can be enhanced with high quality video debriefing systems. To help educators, Laerdal introduces the Advanced Video System (AVS).

The AVS is a simple, effective debriefing system that enables SimMan 3G, SimMan, SimBaby and SimNewB users to easily capture simulation video, audio, data logs, and patient monitoring.

It automatically integrates data from up to four video cameras, a microphone, and patient monitoring with the event log from any of Laerdal’s Advanced Patient Simulators, creating a debriefing file that is easy to review with students, manage, and share.

The AVS can also be integrated into your simulation center’s Local Area Network, allowing simulations to be viewed throughout your facility.

These features, combined with the Advanced Video System’s simple operation and flexible user interface allow debriefing to become an easier and more effective part of your simulation based education.
Features and Benefits

• Capture the dynamics of your simulation by embedding audio and video streams with the synchronized data log and patient monitor on a single debrief file. Debriefing with AVS will accurately replay scenarios and show what occurred, as opposed to student perceptions of what occurred.

• The AVS simplifies the delivery and presentation of scenario debriefing by providing instructors with a tool to review all student assessments, therapies, patient interactions, critical thinking skills, and communication skills. Students will benefit from observing the impact of their actions or inactions.

• The time indexed playback feature of the AVS helps facilitate debriefing. Instructors can quickly and easily move to specific segments within a scenario where learning objectives need to be addressed.

• Reinforce learning objectives during debriefing by displaying comments added to the log during the scenario. Additionally, instructors can annotate these comments, as needed, during the debriefing process.

• The AVS allows instructors to easily manage the delivery, storage, and distribution of debriefing files. The files can be stored to a local hard disk, network server, or exported to a variety of portable media. Students can take debriefing files home for further reflection. Simulations can also be viewed within your facility by integrating AVS with your network.

• The AVS easily connects to video cameras that your facility chooses. Contact your local Laerdal representative for details.

210-08033  Advanced Video System - 230V
210-08001  Advanced Video System - 110V
SimNewB

Introducing Laerdal’s first Neonatal Simulator

SimNewB is an interactive simulator, designed by Laerdal in cooperation with American Academy of Pediatrics to meet the training requirements of neonatal emergency medicine and resuscitation courses. With realistic newborn traits and lifelike clinical feedback, SimNewB is ideal for practicing for the specific challenges of neonatal resuscitation training.

Realistic Anatomy: SimNewB represents a full term, newborn female. Measuring 21 inches and weighing 7 lbs., SimNewB can present as a limp, cyanotic newborn with no vital signs, or as a moving, crying, vigorous newborn.

Patent Umbilicus: An umbilicus with a life-like pulse can be catheterized for IV access.

Intraosseous Access: SimNewB features I/O access in both legs.

Realistic Airway and Breathing Functionality:

- for training in all aspects of newborn airway management, including the use of Positive-Pressure Airway devices, and the placement of ET tubes and LMAs.
- Lung compliance: Instructors can alter the simulator’s lung compliance to challenge providers’ skills in detecting and treating lung compliance changes.
- Realistic chest rise: The chest rise on the simulator can be adapted to be absent or normal, with breathing rates up to 100 breaths per minute.
- Needle decompression: The torso of SimNewB includes functionality to relieve a pneumothorax via needle decompression.

Ease of Use:

Designed to be easily integrated into all neonatal clinical training curriculums. An innovative user interface and scenario design allow instructors to control the Simulator’s responses throughout a training session with the push of a button on the remote handheld controller. Features 6 preset patient levels ranging from a vigorous to a compromised newborn.
Treating compromised newborns demands the best training

ADVANCED ONLY

Software Features:
- Easy-to-operate software based on well proven SimMan/SimBaby software
- Manual control over all parameters
- Scenarios, with Trends and Handlers, can be preprogrammed by the user

Debriefing Viewer:
- Web-camera recording
- Review event log together with synchronized recording of the patient monitor and in-room video
- Stand alone debrief viewer for offsite review

Simulated Patient Monitor:
- Highly configurable
- Simulate several parameters including:
  - Heart Rate - ECG - SPO2 - NIBP - ETCO2
  - Respiratory Rate
  - Multi-level alarm
  - Touch Screen Operation

220-000xx* SimNewB Standard:

Product Includes: Manikin, NRP Simulation Support Materials, SimNewB Control Unit with Remote Control, Compressor, AirCO2 Hose and Directions for Use.

225-000xx* SimNewB Advanced:


xx* = languages versions

Laerdal Services

Technical Services for SimNewB
- 1008407 Installation Service
- 220-00050EXW1 SimNewB Standard Extended Warranty yr 2
- 220-0001PMS1 SimNewB Standard Preventative Maintenance return to Laerdal
- 220-0001PMS2 SimNewB Standard Preventative Maintenance onsite
- 225-00001PMA1 SimNewB Advanced Preventative Maintenance return to Laerdal
- 225-00001PMA2 SimNewB Advanced Preventative Maintenance onsite
- 220-0001PMS3 SimNewB Standard or Advanced Preventative Maintenance return with Loaner

Educational Services for SimNewB
- 225-90950 Introduction to SimNewB Advanced at Laerdal
- 225-90150 Introduction to SimNewB Advanced On-Site
- 225-90550 Scenario Programming for SimNewB Advanced
- 210-90450 Customised Instruction
- 210-91050 Custom Scenario Development

Services available differ between countries. Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue
ALS Simulator

The simulator for advanced life support training programs

The Advanced Life Support Simulator is a realistic interactive training manikin for simulating a wide range of advanced life saving skills in pre-hospital emergencies. The simulator responds to clinical intervention, instructor control, and comprehensive pre-programmed scenarios for effective practice of diagnosis and treatment of a patient. The Advanced Life Support Simulator is the fully functional pre-hospital simulator, with spontaneous breathing, airway control, voice, sounds, ECG, and many other clinical features.

205-05050 ALS Simulator
200-100xx VitalSim

xx = language versions

ALS Simulator Optional Accessories

For more accessories see MegaCode Kelly on page 32.

381500 Trauma Modules
276-15001 Simulated NBC Module
381550 Bleeding Trauma Modules

Consumables

300-00750 Simulated Blood
250-21050 Airway Lubricant 45 ml
381105 Neck Skins (pkg. 6)
200-00250 Cricothyroid Membrane Tape (1 Roll)
312029 Replacement Skin & Vein System – Male

Laerdal Services

Technical Services
205-05050EXW Extended Warranty (1yr)
205-05050PMB Basic Preventive Maintenance
205-05050PMC Complete Preventive Maintenance

Educational Services
210-90450 Customised Instruction
210-91050 Custom Scenario Development

Services available differ between countries. Contact your local Sales Company for details.

See page 134 for the complete Services Catalogue
Resusci Anne Simulator

The wireless simulator for quality CPR training

The Resusci Anne Simulator provides the key simulation functionalities including a high-quality airway, spontaneous breathing, ECG, live defibrillation, IV, blood pressure, voice, lung sounds and heart sounds for basic simulation training.

150-000xx  Resusci Anne Simulator

Resusci Anne Simulator Includes:

Airway Head, BP Arm with Cuff, IV Arm, Extrication Legs, Remote Control, Educational Support Material, Software CD and USB Interface Cable, Air Pump, AC Power Cable, Full-Body Soft Case and Directions for Use.

xx = language versions

Resusci Anne Simulator Optional Accessories

- Leg Assembly with Wounds
- 381655 Transportation Case

For more accessories see Resusci Anne First Aid/Trauma Modules page 22.

Consumables

- 300-00750 Simulated Blood
- 252090 Airway Lubricant
- 325-00350 Replacement Skin & Vein System – Female

Laerdal Services

Technical Services

- 150-00001EXW Extended Warranty (1yr)
- 150-00001PMB Basic Preventive Maintenance
- 150-00001PMC Complete Preventive Maintenance

Educational Services

- 210-90450 Customised Instruction
- 210-91050 Custom Scenario Development

Services available differ between countries. Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue
Educational Efficiency through Self Directed Learning (SDL)

We understand the value of providing flexible learning solutions that offer students a convenient way to move at their own pace, and on their own time, to achieve their educational goals effectively and efficiently. SDL instructional design guides learners through a complete course of study, progressively improving their skills and knowledge which ultimately helps build rescuer competence. Whether your focus is first-time learning of CPR, retraining and certification of CPR skills, or even more complex medical education needs, these innovative learning solutions may help you reach your educational goals more efficiently.

Our commitment to Educational Efficiency at Laerdal is to ensure that our innovative Self Directed Learning programs are carefully designed to provide the highest level of educational quality, clinical accuracy and cost efficient delivery methods necessary to meet the educational goals of both medical and lay providers around the world.

Research support can be found at www.laerdal.com - Self Directed Learning
Learning Products

Self Directed Skills Learning program
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- Infant Virtual I.V.: 89

Micro Simulators
- MicroSim: 90-91

Please visit our web-site for additional information regarding features, accessories and consumables.

www.laerdal.com
Mini Anne

Providing families, friends and communities the skills to save lives.

This innovative self-directed learning program allows families, friends and the general public – those who most likely would never attend a traditional CPR course and most often witness a cardiac arrest – to learn the core skills of CPR in under 30 minutes. The Mini Anne CPR program instructs the user in a “practice-while-watching” format with the aid of a 30 minute instructional DVD, a personal, inflatable manikin with integrated adult/child compression clicker.

Mini Anne CPR Skills Learning Program benefits you and your community.

• Personal CPR learning kit in group settings in your community or work place
• Kits can be used with large groups or individually with family and friends
• 30-minute “practice-while-watching” instructional DVD that teaches effective CPR skills
• “Multiplier Effect” creating more potential lifesavers
• Kit contains everything you need to learn how to recognize and respond to a sudden cardiac arrest emergency
• These programs have been research proven equivalent to their respective CPR courses for learning the core skills of CPR.*

* Details of research supporting these programs can be found at http://Laerdal.com/sdl
Each kit contains a minimum of:

- A personal, inflatable CPR Manikin (Mini Anne)
- CPR Skills “practice-while-watching” instructional DVD
- Replacement Airways
- Manikin Wipes

“Multiplier Effect” creating more potential lifesavers

Those who receive these kits are able to share the program with their loved ones. By passing the kit on to others one Mini Anne Self Directed CPR Skills Learning Program can be used to train a large network of family and friends. The “Multiplier Effect” is the average number of times a kit is used. It has been shown in some places that each person who learns CPR with a Mini Anne program encourages others to learn CPR using the same kit. In Scandinavia it has been shown that in school-based programs, students are particularly successful at encouraging others at home to use the kit, resulting in multipliers as high as 4 users per kit in some locations. Schools programs in Denmark and Norway have succeeded in training 2 and 4% of those countries’ populations in adult and child CPR within six weeks! In Denmark, 38% of those trained at home by school children were over 40 years of age.

Mini Baby

Train the whole family and increase the chance of survival for an infant

This innovative self-directed Infant CPR learning kit is a simple, “practice-while-watching” format that an entire family can use to learn how to respond during the first few minutes of an infant emergency.

Mini Baby Infant CPR Personal Skills Learning Program benefits you and your community.

• Allows anyone who cares for infants to learn the core skills of infant CPR and relief of choking in 30 minutes or less.

• Flexibility allows this program to be used anywhere and at a pace that is convenient to their own individual learning style

• Interactive hands-on 30 minute “practice-while-watching” instructional DVD that teaches effective infant CPR skills

• “Multiplier effect” creating more potential lifesavers

• Incorporates research-supported “practice-while-watching” educational methodology for learning the core skills of infant CPR
Each kit contains:

- A personal, inflatable infant CPR Manikin (Mini Baby)
- Infant CPR Skills “practice-while-watching” instructional DVD
- Replacement Airways
- Manikin Wipes

Learn more

All of these self directed learning CPR programs are developed in cooperation with educational partners in various countries around the world. For more information on how you can help to develop a localized educational program using Mini Anne or Mini Baby, please contact your nearest Laerdal representative.
Resusci Anne Skills Station

A paradigm shift in CPR Training and Certification

The Resusci Anne Skills Station provides self-directed Basic Life Support CPR skills training and certification, with the research-proven benefits of voice feedback during training. Through the use of the Laerdal Competence Management System (CMS) it adds the possibility of efficiently managing larger groups of trainees. CMS can also integrate e-mail systems to automate the process of booking, reminding trainees of their training sessions, and providing training certificates.

Log on to PC in Resusci Anne Skills Station room and view introductory video.

Practice CPR with objective measurement and voice feedback.

After training and passing the test you can print out, or send by e-mail, a localised certificate.

The Quality Circle (see pages 94-95)

For more information:
**Ordering information:**

**454-100xx: Resusci Anne Skills Station**  
Includes all necessary software, cable for connecting the manikin to a PC and 200 user licenses.

Please note:  
1. Manikins are not included in the product and must be ordered separately  
2. A PC is not included in the product and must be sourced by the customer

**454-11050: 100 user licenses** 
(multiply to the number needed)

Manikins to be used with RA Skills Station:

- **310056xx:** [Resusci Anne SkillReporter](manikin) (manikin)  
- **453-35050xx:** [HeartCode BLS Baby](manikin) (manikin)

*xx = language version*

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**Laerdal Services**

**Technical Services**  
- 454-90250: Installation Service  
- 454-90050: Service Agreement Onsite  
- 454-90150: Service Agreement Exchange

Services available differ between countries.  
Contact your local Sales Company for details.

See page 134 for the complete Services Catalogue

**Consumables**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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<tr>
<td>31 02 10</td>
<td>Face Skin (pkg. 6)</td>
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<td>15 22 50</td>
<td>Airways (pkg. 24)</td>
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<td>15 12 01</td>
<td>Manikin Face Shields (6 rolls of 36 each)</td>
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<td>31 02 20</td>
<td>Face Skin, decorated (pkg. 6)</td>
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</table>
Virtual I.V.

Educationally Efficient Self-Directed Learning of I.V. Procedures

The Adult Virtual I.V. is a comprehensive and fully interactive self-directed learning system for training intravenous catheterization. Virtual I.V.'s self-directed instructional design guides learners through a complete course of study, progressively improving their skills and knowledge. Powerful 3D graphics provide visual realism while a state-of-the-art force feedback device accurately simulates the sense of touch for a truly immersive experience. Case scenarios, simulations, automated debriefing, and rich educational content enable students to master all aspects of peripheral venous catheterization.

Virtual I.V. system requires:
Haptics Device, Computer;
Choice of 1 Software Module (see below)

Software Modules:
280-01101 Nurse Module Software
280-01201 Doctor Module Software
280-01301 EMT Module Software
280-01401 Military Module Software

Modules also available for individual purchase
Infant Virtual I.V.

Educationally Efficient Self-Directed Learning of I.V. Procedures in Infants

The Infant Virtual I.V. is a comprehensive self-directed learning system for training peripheral venous cannulation in infants ranging from prematurity to 15 months. The simulator enables the novice student and advanced practitioner to independently master the uniquely challenging psychomotor and cognitive skills required to competently perform intravenous catheterization in infants. Infant Virtual I.V. presents a clinically accurate state-of-the-art simulation, enabling novices to learn and practice without risk to infant patients. Realistic 3D visual and haptic effects allow students to see and feel the patient they are treating, creating an immersive environment that optimizes the learning process.

Infant Virtual I.V. system requires:
Haptics Device, Computer, Choice of 1 Software Module (see below)

Software Modules:
280-11201 In.hospital Module Software
280-11101 Pre.hospital Module Software

Modules also available for individual purchase
MicroSim

Self-directed computer based patient simulation

MicroSim is a computer-based self-directed learning system for Inhospital, Prehospital and Military medical providers. The software contains modules with over 40 patient scenarios based on specific learning objectives. Each patient scenario challenges the student's medical knowledge and problem-solving ability while strengthening their critical thinking skills. Developed in cooperation with leading medical authorities, MicroSim is designed to be used for initial and continuing education.

MicroSim Curriculum Package

Self-directed learning and computer-based simulation for your entire institution

Educational and Economic Benefits

Improves training effectiveness
- Standardizes training methodology
- Integrates simulation scenarios with curriculum
- Standardizes outcome measurements
- Documents performance and improvement

Multi-level application
- Initial education
- Continuing education
- Beginner to Advanced level scenarios
- Inhospital, Prehospital, and Military

Cost management
- Convenient and flexible self-directed learning mode can be used outside the classroom
- Increases efficiency of instructor time
- Increases effectiveness of classroom time

451-000xx MicroSim Curriculum Package (Inhospital)
450-110xx MicroSim License Package (10 Inhospital licenses)

xx = language versions

Laerdal Services

Technical Services
454-90250 MicroSim Software Installation Service

Educational Services
454-09850
454-09950 Introduction to MicroSim at Laerdal

Introduction to MicroSim On-Site

See page 136 for the complete Services Catalogue

www.laerdal.com
MicroSim

A personal version of MicroSim for your individual learning needs

The MicroSim Personal Access program is tailored to the individual user and includes the same 8 modules and 40 patient cases as found in the complete MicroSim Curriculum Package. Educators who are interested in having their students use these individually-packaged programs are able to track their student’s progress through each patient case and module using the optional CMS Web Hotel Package.

Software and License Package
451-xxxxx MicroSim Inhospital Personal Access
Includes software CD and pre-paid license

Competence Management System (Web-based)
459-110xx CMS Web Hotel Package
Allows the educator to configure the equipment and skills students are allowed to use as they progress through their education. Student’s progress can easily be monitored and tracked as they navigate through and complete each patient case and module.

xx = language versions

*Ask your Laerdal representative for your free software CD or visit www.laerdal-sophus.dk for a free software download.
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www.laerdal.com
Guidelines recommendations increase survival

Survival rates from sudden cardiac arrests (SCA) have remained virtually unchanged for the last 25 years. However, recent reports from EMS systems in Wisconsin, Seattle, Kansas City and Arizona in the USA are reporting significant increase in survival rates.

The likely contributors to these encouraging improvement is the renewed focus on delivering more and better quality CPR, as recommended by the latest Guidelines:

“Push hard, push fast, allow full chest recoil after each compression, and minimize interruptions in chest compressions.” (AHA Guidelines 2005)

Victims of cardiac arrest need immediate CPR. This provides a small but critical blood flow to the heart and brain. It also increases the likelihood that a defibrillatory shock will terminate VF and enable the heart to resume an effective rhythm and effective systemic perfusion. Chest compression is especially important if a shock cannot be delivered sooner than 4 or 5 min after collapse. (ERC Guidelines 2005)

References:
- Atwood et al, “Post-discharge survival following pre-hospital cardiopulmonary arrest owing to cardiac aetiology”, Resuscitation (2005), 67 (1), 75-80
- Garra et al, “Improvement in survival to discharge of cardiac arrest patients using novel out of hospital treatment protocol”, American Heart Association - Scientific Sessions 2007, Abstract Presentation
Lifesaving CPR is dependent on a strong focus of each of the three factors in the Quality Circle:

- Real-time refresher training, preventing CPR skills decay.
- Tailored CPR to individual patient needs. Tomlinson et al (2006), highlighted that patients have very different depth-force relationships. 91 patients varied from approximately 10 kg force to 55 kg force for compressing down to the recommended Guidelines depth of 4 cm.

Reference:

www.laerdal.com/qualitycpr
CPRmeter

*Calibrating CPR performance to patient needs with the new CPR meter-solo*

When time and optimal therapy counts for the cardiac arrest patient. The CPR meter-Solo will guide the rescuer to deliver exact and effective chest compressions according to individual patient needs in compliance with ERC 2005 guidelines.

The CPR meter - Solo has been designed with Q-CPR technology for both training and clinical use.

- High resolution O-LED colour screen.
- On screen mini event review.
- Use easily available photo lithium batteries CR123
  - Battery capacity > 6 x 30 min chest compressions
- Data storage at internal Micro SD card (optional)
- Durable construction IP 55
- Easy to upgrade if connection to the HeartStart FR3 is desired (Upgrade kit required)

801-10001  CPR meter-solo

Accessory:
801-10102  Patient tape
CPRmeter

Real time dynamic graphic feedback visible within the rescuer’s focus area promotes optimal compression delivery.

The CPR meter-Solo gives the rescuer the confidence and assurance that CPR is being performed to the highest standard.

- Compress deeper
- Incomplete release
- Compress faster
- Compressor inactivity
- Mini debrief
HeartStart MRx with Q-CPR technology

HeartStart MRx with Q-CPR provides professional emergency responders with a unique monitoring, feedback and defibrillation technology; thereby ensuring Resuscitation is performed in accordance with local quality guidelines. The self-explanatory interface allows for rapid evaluation and immediate rescuer intervention.

Options:
- Q-CPR – CPR monitoring and feedback technology
- Paddles (adult and paediatric combined)
- 12-lead ECG with interpretation
- 12-lead Datatransmission
- Pacing
- SPO_{2} - Pulse Oximetry
- NIBP - Non-Invasive Blood Pressure
- ETCO_{2} - Capnography
- 75mm Printer
- Wireless data transmission of 12-lead
- Datamangement solutions
- Temperature
- IBP - Invasive Blood pressure

Full featured HeartStart MRx with Q-CPR

M3536AABUA6B9COQ

Laerdal Services

Technical Services
M3536AEXTW Extended Warranty (1yr)
M3536APM1 Preventive Maintenance return to Laerdal
M3536APM2 Preventive Maintenance on site
M3536APM3 Preventive Maintenance return to Laerdal with loaner

Services available differ between countries.
Contact your local Sales Company for details.

See page 136 for the complete Services Catalogue
The HeartStart MRx is...

Feature packed and light weight
Superior monitoring parameters, proven therapies, rugged, reliable and ready for use at 6.3Kg

The best pre-hospital monitor/defibrillator
Large 8.4" colour TFT screen that can present all parameters simultaneously. Bright backlight display that is clearly visible from any angle even in difficult light conditions.

Built for both a sprint and a marathon
Charges to 150 Joule in approximately 3 seconds 5 hours operation time, with all monitoring parameters running, on one battery. 10 hours operation time with two batteries installed.

HeartStart MRx Ordering Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP2</td>
<td>Defibrillation Pads Adult 2 pair</td>
</tr>
<tr>
<td>DP6</td>
<td>Defibrillation Pads Adult 6 pair</td>
</tr>
<tr>
<td>989803138171</td>
<td>75 mm Print paper (pack of 10)</td>
</tr>
<tr>
<td>989803138181</td>
<td>75 mm Print paper (pack of 80)</td>
</tr>
<tr>
<td>M3538A</td>
<td>Lion Battery</td>
</tr>
<tr>
<td>989803146981</td>
<td>12 Hour External Memory Card</td>
</tr>
</tbody>
</table>

Contact Customer Service for more details
HeartStart FR3

First of its kind, 3-in-1 design

New product, tailored for EMS, with exciting new features combined with proven AED technology.

1 Deliver fast, effective therapy

- **Fast Therapy.** With automatic turn on when case is opened, and pre-connected SMART Pads III without foil pouch, the patient can be connected and therapy can be delivered with record speed.

- **SMART CPR** evaluates the patient’s heart rhythm and advises whether to initially treat shockable rhythms with a shock, or with CPR immediately followed by a shock.

- **Quick Shock.** Survival is closely linked to the speed of shock delivery after CPR. HeartStart FR3 can deliver a shock in less than 8 seconds.

2 Help ensure high quality CPR

CPR meter offers CPR feedback and guidance on protocol, to help improve CPR quality.

3 Manage data, configure, and upgrade with extensive flexibility.

Bluetooth data transmission makes retrieval of episode data, device configuration and clock synchronization simple and effective.
### HeartStart FR3 Basic
Includes one battery and one set of pads

- **861388** - HeartStart FR3 Basic Text
- **861389** - HeartStart FR3 Basic with ECG

### HeartStart FR3 System
Includes one battery and one set of pads, system case, CPR meter and data card

- **861392** - HeartStart FR3 System Text
- **861393** - HeartStart FR3 System with ECG

### Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9898 031 49981</td>
<td>SMART Pads III, 1 set</td>
</tr>
<tr>
<td>9898 031 49991</td>
<td>SMART Pads III, 5 sets</td>
</tr>
<tr>
<td>9898 031 50181</td>
<td>FR3 Training Pads, 1 set</td>
</tr>
<tr>
<td>9898 031 50161</td>
<td>FR3 Primary Battery LiMnO2</td>
</tr>
<tr>
<td>9898 031 50171</td>
<td>FR3 Aviation Battery LiMnO2, TSO</td>
</tr>
<tr>
<td>9898 031 50241</td>
<td>FR3 Rechargeable Battery, Liion</td>
</tr>
<tr>
<td>9898 031 50191</td>
<td>FR3 Training Battery, Liion</td>
</tr>
<tr>
<td>861394</td>
<td>Battery Charger for training battery and rechargeable battery</td>
</tr>
<tr>
<td>9898 031 50031</td>
<td>FR3 Infant/Child Key</td>
</tr>
<tr>
<td>9898 031 50051</td>
<td>FR3 ECG monitoring cable</td>
</tr>
<tr>
<td>9898 031 49941</td>
<td>CPR Meter for HeartStart FR3</td>
</tr>
<tr>
<td>801-10102</td>
<td>CPR Meter Patient adhesive, 3 pack</td>
</tr>
<tr>
<td>9898 031 49951</td>
<td>FR3 - CPR Meter Cable</td>
</tr>
<tr>
<td>9898 031 50251</td>
<td>FR3 Fast Response Kit. Contains PocketMask, disposable razor, 2 pair of gloves, scissors and wipes</td>
</tr>
<tr>
<td>9898 031 57531</td>
<td>FR3 System Case</td>
</tr>
<tr>
<td>9898 031 50211</td>
<td>FR3 Case bottom insert</td>
</tr>
<tr>
<td>9898 031 50061</td>
<td>FR3 Data Card</td>
</tr>
<tr>
<td>9898 031 50081</td>
<td>FR3 Bluetooth Transceiver</td>
</tr>
<tr>
<td>9898 031 50101</td>
<td>FR3 Language SD card</td>
</tr>
</tbody>
</table>

HeartStart Wall Boxes. See page 107
Software for Case Review and Configuration, see page 108-109
AED Training solutions, see page 110
HeartStart HS1 First Aid Defibrillator

Now everyone can help save a life

HeartStart HS1 is an affordable first aid defibrillator intended to be placed wherever it may take more than five minutes for an ambulance to arrive.

With the HeartStart HS1 first aid defibrillator anybody can help save a life with minimal training.

Always ready - virtually maintenance free.

HeartStart HS1 has a long-life battery:
4 years in standby.

Daily self-tests check pads, battery and the electrical components.

Green “Ready” light means the HeartStart is ready for use.

A warning beep will sound when battery or pads need to be replaced or the unit needs other service.

Easy to use

A defibrillator so simple to operate that a responder with minimal training can save the life of a co-worker; friend or member of the public.

The HeartStart HS1 guides the user through each step of defibrillation, including CPR Coaching.

Integrated SMART Pads placed on the victim’s bare skin ensure that the defibrillator adapts to the user’s actions every step of the way.

Safe, effective and fast

HeartStart HS1 includes proven Philips technologies for heart rhythm assessment (SMART Analysis) and defibrillation energy delivery (SMART Biphasic).

Like all HeartStart Defibrillators, the HS1 can be used to treat infants and children as well as adults.

Survival is closely linked to the speed of shock delivery after CPR

With patented Quick Shock, HeartStart defibrillators are the fastest in their class at delivering a shock after CPR.
HeartStart HS1 Ordering Information

M5066A  HeartStart Defibrillator HS1
Includes: Defibrillator, 1 Battery Pack, Electrodes (1 pair)

M5066A-C01  HeartStart Defibrillator HS1
including standard Carry Case

M5066A-C02  HeartStart Defibrillator HS1
including slim Carry Case

M5070A  Battery for HeartStart HS1 and FRx
Lithium manganese dioxide battery, 9VDC, 4.2 Ah
Capacity: Minimum 200 shocks or 4 hours of operating time.
Minimum 10 hours of use in training mode
Shelf life: Minimum of 5 years (prior to insertion).
Stand by life: Typical 4 years (after insertion).

M5071A  Adult SMART Pads Cartridge
M5072A  Infant/Child SMART Pads Cartridge
M5073A  Adult Training Pads Cartridge
M5074A  Infant/Child Training Pads Cartridge

M5075A  Carry Case HS1 Standard
Can accommodate one spare pad cartridge
and a spare battery pack.
M5076A  Carry Case HS1 Slim type

941311  Carry Case for HS1, FRx and FR2
Waterproof hard plastic

HeartStart Wall Boxes. See page 107
Software for Case Review and Configuration, see page 108-109
AED Training solutions, see page 110
HeartStart FRx

For those who get there first

The HeartStart FRx is an easy to use, rugged and reliable AED for those who get there first. It combines proven technology with ease of use, ruggedness and preparedness.

Easy to use

The HeartStart FRx has the same ease of use as the HeartStart HS1, with clear voice instructions for operation and CPR.

Rugged

The HeartStart FRx defibrillator is exceptionally rugged. It is designed to work and be stored in harsh environments such as sea vessels, industrial areas and vehicles.

Ready - virtually maintenance free.

HeartStart FRx has a long-life battery: 4 years in standby. Daily self-tests check pads, battery and the electrical components.

Green “Ready” light means the HeartStart is ready for use.

A warning beep will sound when battery or pads need to be replaced or if the unit needs service.

Reliable and Fast.

HeartStart FRx includes proven Philips technologies for heart rhythm assessment (SMART Analysis) and defibrillation energy delivery (SMART Biphasic).

With patented Quick Shock, HeartStart defibrillators are the fastest in their class at delivering a shock after CPR.
HeartStart FRx Ordering Information

861304  HeartStart FRx Defibrillator
        Includes: Defibrillator, 1 Battery Pack, Electrodes (1 pair)

M5070A  Battery for HeartStart HS1 and FRx

9898 031 39301  Aviation Battery for FRx (Complies with TSO C-142)
        Lithium manganese dioxide battery, 9VDC 4.2 Ah
        Capacity: Minimum 200 shocks or 4 hours of operating time.
        Minimum 10 hours of use in training mode
        Shelf life: Minimum of 5 years (prior to insertion).
        Stand by life: Typical 4 years (after insertion).

9898 031 39261  SMART Pads II (1 pair)
9898 031 39271  Training Pads II (1 pair)

9898 031 39311  Infant / Child Key

941360  Carry Case  HeartStart FRx
941311  Carry Case for HS1, FRx and FR2
        Waterproof hard plastic

HeartStart Wall Boxes. See page 107
Software for Case Review and Configuration, see page 108-109
AED Training solutions, see page 110
HeartStart FR2+ Accessories

The HeartStart FR2+ defibrillator has been replaced by HeartStart FR3.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP2</td>
<td>Defibrillation Pads Adult 2 pair</td>
</tr>
<tr>
<td>DP6</td>
<td>Defibrillation Pads Adult 6 pair</td>
</tr>
<tr>
<td>M3713A</td>
<td>Defibrillation Pads Adult 10 pair</td>
</tr>
<tr>
<td>M3870A</td>
<td>Defibrillation Pads Infant/Child Energy is reduced to 50 J</td>
</tr>
<tr>
<td>07-10900</td>
<td>Training Pads, 1 pair</td>
</tr>
<tr>
<td>M3871A</td>
<td>Training Pads Infant/Child, 1 pair</td>
</tr>
<tr>
<td>05-10200</td>
<td>Adapter to Philips barrel connector</td>
</tr>
<tr>
<td>05-10000</td>
<td>Adapter to Physio Control Quick Combo connector</td>
</tr>
<tr>
<td>05-10100</td>
<td>Adapter to Zoll connector</td>
</tr>
<tr>
<td>M3874A</td>
<td>FR2+ECG Assessment Module. Requirers FR2+ with ECG in the display.</td>
</tr>
<tr>
<td>M3863A</td>
<td>Standard Battery for HeartStart FR2 and FR2+</td>
</tr>
<tr>
<td>989803136291</td>
<td>Aviation Battery for FR2 (Complies with TSO C-142)</td>
</tr>
<tr>
<td></td>
<td>Lithium manganese dioxide battery, 12VDC 4.2 Ah</td>
</tr>
<tr>
<td></td>
<td>Capacity: Minimum 300 shocks or 12 hours of operating time</td>
</tr>
<tr>
<td></td>
<td>Shelf life: Minimum of 5 years (prior to insertion)</td>
</tr>
<tr>
<td></td>
<td>Stand by life: Typical 4 years (after insertion)</td>
</tr>
<tr>
<td>M3848A</td>
<td>Rechargeable battery for FR2+ (HeartStart FR2+ only, not FR2) Lithium Ion battery, 12VDC 4.2 Ah</td>
</tr>
<tr>
<td></td>
<td>Capacity: Minimum 100 shocks or 5 hours of operating time</td>
</tr>
<tr>
<td>M3849A</td>
<td>Charger for M3848A Rechargeable Battery</td>
</tr>
<tr>
<td>M3854A</td>
<td>Datacard and tray</td>
</tr>
<tr>
<td>M3853A</td>
<td>Datacard tray only</td>
</tr>
<tr>
<td>941310</td>
<td>Carry Case (Semi-rigid)</td>
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<tr>
<td>941308</td>
<td>Softpack, Army Green</td>
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<tr>
<td>941309</td>
<td>Softpack, Yellow, flame retardant material</td>
</tr>
<tr>
<td>941311</td>
<td>Carry Case for HS1, FRx and FR2 Waterproof hard plastic</td>
</tr>
<tr>
<td>M3864A</td>
<td>Training &amp; Administrative Pack M3855A Charger for Training &amp; Admin. Pack</td>
</tr>
</tbody>
</table>
Brackets and cabinets for HeartStart AEDs

**941343 HeartStart Wall Box with alarm**
- Has room for a HeartStart AED with or without carry case.
- Battery operated alarm with sound and light when door is opened.
- Material: Plastic.
- Size: 48 x 37 x 17 cm

**9898 031 36531 Basic AED Cabinet**
- Has room for a HeartStart AED with or without carry case.
- Battery operated alarm with sound when door is opened.
- Material: Steel.
- Size: 42 x 38 x 15.5 cm

**PFE7024D Premium AED Cabinet**
- Has room for a HeartStart AED with or without carry case and additional medical supplies such as oxygen.
- Battery operated alarm with sound and light when door is opened.
- Material: Steel.
- Size: 41 x 57 x 15.5 cm

**941314 Bracket for AED**
- Intended to house a HeartStart AED in its carry case.
- Possibility to install pad-lock.
- Material: Steel.
- Size: 25 x 29 x 13.5 cm

**M3857A Wall Mount Bracket**
- Intended to house a HeartStart AED in its carry case. The defibrillator's carry case can be tethered to the Wall Mount Bracket with a breakaway Secure-Pull Seal (M3859A), to discourage tampering.
- Material: Steel.
- Size: 27 x 20.5 x 12.6 cm

**M3859A Secure Pull Seal for Wall Mount 10 pack**

**M3858A AED Wall Sign**
Data management Software for

HeartStart Event Review

M3834A Single user license

9898 031 41811 Site license

HeartStart Event Review is an application for electronically managing the case data recorded by the defibrillator. It allows you to add case details by adding notes and completing basic data entry screens.

- Download ECG data from card or IR port
- Save episode to a database
- Save episode to file
- View and print the ECG and Event log
- E-mail it to a central data manager or medical director
- Erase data card or defibrillator’s internal memory
- Device Configuration HS1 and FRx via IR
- Self-Test Reports FR2, HS1, FRx

Supports HeartStart FR, 4000, XL, FR2, HS1, FRx and MRx

Available in English, French, German, Spanish, Italian, and Japanese.

Event Review Pro

861431 single license

861431-A03 Site-wide license

Same as Event Review with the addition of the following features:

- Additional incident/patient/responder detail fields
- Show all waveforms from HeartStart MRx, including CO2, IBP and CPR waveforms
- Show Q-CPR waveforms and generate Q-CPR statistics for HeartStart MRx and HeartStart FR3.
- Utstein style reporting
- View and print MRx 12 lead reports
- Network to central database

Supports HeartStart FR, 4000, XL, FR2, HS1, FRx and MRx

Available in English, French, German, Spanish, Italian, and Japanese.

HeartStart Review Express Connect

861311A01 single license

An easy-to-use wizard that guides you through the steps of downloading an ECG from a Philips or Laerdal defibrillator. Particularly helpful when you simply want to download a case from a defibrillator and e-mail it to a central data manager.

- Download ECG data from card or IR port
- Save it to a file
- View and print the ECG
- E-mail it to a central data manager or medical director
- Erase data card or defibrillator’s internal memory

Supports HeartStart FR, 4000, XL, FR2, HS1, FRx and MRx

Available in English, French, German, Spanish, Italian, and Japanese.
HeartStart Defibrillators

HeartStart Review Express
Free download from www.philips.com
- Download ECG data from card or IR port
- View and print the ECG
- Erase data card or defibrillator’s internal memory
If you need additional capabilities consider purchasing HeartStart Event Review.
Supports HeartStart FR, 4000, XL, FR2, HS1, FRx. Not MRx
Available in English only.

HeartStart Configure
9898 031 43041 single license.
HeartStart Configure allows review and change of the configuration of HeartStart FRx and HS1 defibrillators using a PAD, palmOne™ or Windows Mobile Supports HeartStart HS1 and FRx
Available in English, French, German, Spanish, Italian, and Japanese.

HeartStart 12 Lead Transfer Station 9898 031 42521 Single license
HeartStart 12-Lead Transfer Station software, installed on an Internet-connected server, allows you to forward a 12-lead ECG report taken in the field from your HeartStart MRx monitor/defibrillator to the receiving hospital.
- Forward a 12-lead ECG to any hospital or EMS control office you choose.
- Automatically or manually send 12-lead reports to one or more printers or fax machines and TraceMaster ECG Management System.
- Display the 12-lead report on a computer display and archive it in a database.
- Forward an ECG from one HeartStart 12-lead Transfer Station to another.

Q-CPR Review
Free download from www.laerdal.com
Software for reviewing the CPR data from HeartStart MRx
- View and print compressions, ventilations, CO2 and ECG waveforms.
- View research waveforms (acceleration, force and impedance).
- Add annotations
- Replay MRx audio
- Generate CPR statistics

Available in English, French, German, Spanish, Italian, and Japanese.

The Quality Circle (see pages 94-95)
## AED Training Selection Chart

<table>
<thead>
<tr>
<th>AED in use</th>
<th>Training with AEDs on CPR-D manikins</th>
<th>Training with the AEDs in training mode</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrodes and / or adapters to be used.</strong></td>
<td><strong>HeartStart FRx</strong></td>
<td><strong>HeartStart HSI</strong></td>
</tr>
<tr>
<td></td>
<td><strong>HeartStart FR2</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Manikin to be used.</strong></td>
<td><strong>945004 Manikin Electrode Adapter</strong></td>
<td><strong>Training Pads</strong>&lt;br&gt;M5073A Adult&lt;br&gt;M5074A Pedi</td>
</tr>
<tr>
<td></td>
<td><strong>Any Laerdal manikin with defibrillation capability.</strong>&lt;br&gt;- Resusci Anne CPR-D&lt;br&gt;- Megacode Kid, Kelly&lt;br&gt;- Resusci Anne Simulator&lt;br&gt;- ALS Simulator&lt;br&gt;- SimMan, SimBaby</td>
<td></td>
</tr>
<tr>
<td>AED Trainer</td>
<td>M5086A HSI Trainer</td>
<td>861307 FRx Trainer</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Training battery</td>
<td>M3864A</td>
<td></td>
</tr>
<tr>
<td>Training Pads</td>
<td>M5073A Adult</td>
<td>98903139271</td>
</tr>
<tr>
<td></td>
<td>M5074A Pedi</td>
<td></td>
</tr>
<tr>
<td>Training with</td>
<td>Training Pads</td>
<td>Training Pads</td>
</tr>
<tr>
<td>AED Trainer</td>
<td>M5073A Adult</td>
<td>07-10900 Adult</td>
</tr>
<tr>
<td></td>
<td>M5074A Pedi</td>
<td>M3871A Pedi</td>
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<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

- Only Little Anne and Resusci Anne can be used with internal adapters M5088A

- AED Little Anne
- AED Resusci Anne
Laerdal AED Trainer 2

Realistic, advanced and affordable AED trainer which simulates the HeartStart FR2 AED in appearance, operation and voice prompts.

The Laerdal AED Trainer 2 offers an affordable alternative for educating the layperson and healthcare provider in the effective use of an automatic external defibrillator. This trainer was also developed to specifically simulate the HeartStart FR2 defibrillator.

Used together with AED Little Anne or AED Resusci Anne (see pages..) the AED Trainer 2 with Laerdal Link technology offers unique realism and response to pad placement.

The trainer has 10 easily selectable Guidelines 2005 compatible scenarios, which can be overridden and adjusted from the optional remote control.

Latest software version and computer software for configuration and custom scenarios are available as free downloads from www.laerdal.com.

The trainer uses 6 C-size alkaline batteries, included.

940050xx Laerdal AED Trainer 2

Laerdal AED Trainer 2 Includes:

- Trainer, Carry Case, 6 Batteries, and Standard Adult Training Pads.
- xx = language version

945050 Remote Control

945055 Programming Kit

Contains programming cable (RS-232 serial cable) plus CD with latest software in all languages, Configuration and Scenario Builder software. The software on the CD is also available as free download from www.laerdal.com.

07-10900 Standard Adult Training Pads

M3871A Standard Pediatric Training Pads

945090 Laerdal LINK Training Pads

These pads are for use with AED Little Anne or AED Resusci Anne.

945030 Carry Case AED Trainer 2

Laerdal LINK Training Manikins AED Little Anne or AED Resusci Anne. See pages 16 and 19.
HeartStart Trainer

An affordable, safe and effective tool for AED training.

The HeartStart Trainer simulates how the HeartStart HS1 will operate during a real-life sudden cardiac arrest event.

Clear, confident voice instructions provide easy-to-follow directions, including CPR instructions, identical to the ones given by the real HS1 AED.

Eight easily selectable Guidelines 2005 compatible scenarios provides versatile and realistic training.

Multiple use adult or child training pads gives realistic feedback when used on a manikin with either internal or external manikin adapters. The same training pads can be used with the HeartStart HS1 AED.

The trainer is powered by 4 AA-size batteries (not included).

M5086A  HeartStart Trainer

HeartStart Trainer includes:
Trainer, Adult Training Pads, 1 External Manikin Adapter strip, Carry Case and Instruction for Use.

Consumables

M5073A  Adult training pads cartridge
M5074A  Infant/child training pads cartridge
M5093A  Replacement adult training pads
M5094A  Replacement infant/child training pads
M5089A  External manikin adapters 5 pack
M5088A  Internal manikin adapters.
Self adhesive patches to be placed on the inside of a Little Anne or Resusci Anne manikin skin.

942500  Carry Case
HeartStart FRx Trainer

A realistic training partner to the HeartStart FRx

The HeartStart FRx Trainer simulates how the HeartStart FRx will operate during a real-life sudden cardiac arrest event.

Clear, confident voice instructions provide easy-to-follow directions, including CPR instructions, identical to the ones given by the real HeartStart FRx AED.

Eight easily selectable Guidelines 2005 compatible scenarios provides versatile and realistic training.

Multiple use training pads gives realistic feedback when used on a manikin with either internal or external manikin adapters. The same training pads can be used with the HeartStart FRx AED. Use Infant/Child key to activate Infant/Child mode.

The trainer is powered by 4 AA-size batteries (not included).

861307 Heartstart FRx Trainer

HeartStart FRx Trainer Includes:
- Trainer
- Training Pads II
- 1 External Manikin Adapter strip
- Carry Case
- Instruction for Use

Consumables

989803139271 Heartstart Training Pads II
(containing one set of Training Pads II in training pads case)

989803139291 Replacement Training Pads II
(pair of training pads on disposable liner for use in training pads case)

98980313931 Infant/Child Key

M5089A External Manikin Adapter, 5 pack

M5088A Internal manikin adapters.
Self adhesive patches to be placed on the inside of a Little Anne or Resusci Anne manikin skin.

942510 Carry Case
Laerdal Pocket Mask

The Laerdal Pocket Mask is the most widely used CPR mask in the world

The Laerdal Pocket Mask incorporates a one-way valve and 3M™ Filtrete™ filter allowing for effective ventilation and outstanding user protection. While there may be look-a-likes on the market, there is only one real Laerdal Pocket Mask.

Standard Versions
820011 Laerdal Pocket Mask w/Gloves & Wipe in Yellow Hard Case (each)
820040 Laerdal Pocket Mask w/Gloves & Wipe in Blue Soft Pack (each)
820041 Laerdal Pocket Mask w/Gloves & Wipe in Black Soft Pack (each)
820042 Laerdal Pocket Mask w/Gloves & Wipe in Camouflage Soft Pack (each)
820019 Laerdal Pocket Mask w/o Gloves & Wipe in Yellow Hard Case (each)
820006 Laerdal Pocket Mask in Re-sealable Poly Bag (each)

Oxygen Versions
830011 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Yellow Hard Case (each)
830040 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Blue Soft Pack (each)
830041 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap w/Gloves & Wipe in Black Soft Pack (each)
830016 Laerdal Pocket Mask w/Oxygen Inlet & Head Strap in Re-sealable Poly Bag (each)

Both the One-Way Valve and the Disposable Filter can be used with all previous versions of Laerdal Pocket Mask devices.

Consumables
820610 Filter (each)
820410 One-Way Valve (each)
820700 Update Pack (1 filter, 1 valve)
830110 Head Strap, Adjustable (pkg. 10)
Laerdal Paediatric Pocket Mask

The most widely used CPR mask in the world is now designed with infants and children in mind.

Utilizing the same low-resistance one-way valve as the traditional Laerdal Pocket Mask in combination with a transparent soft silicone mask, the Laerdal Paediatric Pocket Mask is an excellent companion for the professional rescuer and first responder who have contact with infants and children.

820050 Laerdal Paediatric Pocket Mask w/Gloves and Wipe in Blue/Yellow Soft Pack
820051 Laerdal Paediatric Pocket Mask w/Gloves in Blue/Yellow Soft Pack
820052 Laerdal Paediatric Pocket Mask w/Gloves in Red/Black Soft Pack

Laerdal Face Shield

The Laerdal Face Shield is small in size and price, but BIG in protection! Its hydrophobic filter gives the user and the victim effective protection. This single-use CPR barrier is available in convenient foil envelopes or sealed key ring. Private labeling available!

460000 Laerdal Face Shield CPR Barrier (pkg. 50)

Laerdal Face Shield Key Ring

Small on size and value...big on protection!

Key Ring clips on belt loop or handbag, and fits in pocket.

460008 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), yellow
460009 Laerdal Face Shield CPR Barrier Key Ring in Multiple Colors – 8 Blue, 8 Black, 9 Red (pkg. 25)
460014 Laerdal Face Shield CPR Barrier Refill (pkg. 50)
460016 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), blue
460017 Laerdal Face Shield CPR Barrier Key Ring (pkg. 25), camouflage

Private label option. See page 116
CPR Barrier Product Private Labeling

An ideal solution for your organization’s next fundraising campaign, event giveaway, or employee gift

Has your company or organization been searching for a practical solution for a fund-raising campaign, a giveaway for an upcoming event, or a gift for your fellow employees, family members, or friends? We can help.

You can now get Laerdal Pocket Masks and Laerdal Face Shields personalized for your organization!

Laerdal Pocket Mask in Pearlized, White Hard Case
- 829911 Standard
- 839911 Oxygen Inlet
- 829951 Laerdal Pocket Mask w/Gloves & Wipe in Olive Green Hard Case (each)

Laerdal Pocket Mask with Gloves and Wipe in Soft Packs (Blue Soft Pack, Black Soft Pack or camouflage Soft Pack):
- 829940 Standard
- 839940 Oxygen Inlet

Laerdal Face Shield
- 469905 Laerdal Face Shield Folder (pkg. 1000)
- 469900 Laerdal Face Shield in Foil Pack (pkg. 50)
- 469908 Laerdal Face Shield Key Ring (pkg. 25)
The BAG II Disposable Resuscitators

All of the outstanding features available in a reusable resuscitator with the convenience of a disposable. Performance, versatility and convenience when you need it most.

In keeping with our commitment to provide quality products that help you save lives, Laerdal is pleased to introduce The BAG II Disposable Resuscitators to our customers. An important supplement to our complete product offering for Prehospital, Hospital and the Military.

845011 The BAG II Adult Disposable Resuscitator (with #5 mask) (pkg. 1)
845021 The BAG II Child Disposable Resuscitator (with manometer port, 35cm H2O pop-off, and #3 mask) (pkg. 1)
845031 The BAG II Infant Disposable Resuscitator (with manometer port, 35cm H2O pop-off, and #1 mask) (pkg. 1)
845041 The BAG II Adult Disposable Resuscitator (with #4 mask) (pkg. 1)

The BAG II Disposable Resuscitators Include:

Resuscitator, Face Mask, Oxygen Reservoir with 3 meters of Connecting Tube, Manometer Port (Child/Infant Models Only), and Directions for Use (in a package designed for disposal)

Disposable Face Masks
845050 Disposable Masks #3 with inflation port (Qty: 20)
845060 Disposable Masks #4 with inflation port (Qty: 20)
845070 Disposable Masks #5 with inflation port (Qty: 20)

Disposable PEEP Valve
845040 Disposable PEEP Valve (with adapter)(Qty: 10)
845080 Disposable Expiratory Diverter(Qty: 10)
Laerdal Silicone Resuscitators

The leader in reusable resuscitators for over 35 years, the Laerdal Silicone Resuscitator has exceptional bag re-expansion and superior feel for lung compliance. The new design enhances its convenience and maintains the outstanding quality and economy healthcare professionals rely on. All the excellence and integrity of the original!

Preferred by healthcare providers for excellent performance, economy, and reliability, Laerdal Silicone Resuscitators have proven to be the perennial gold standard by which other resuscitators are measured.

Adult Resuscitator Models
870050 Adult Basic w/o Mask, in Carton
870052 Adult Standard w/Adult Mask 4-5+, in Carton
870051 Adult, Complete in Carton
870053 Adult, Complete in Compact Case
870055 Adult, Complete in Display Case

Paediatric Resuscitator Models
860050 Paediatric Basic w/o Mask, in Carton
860052 Standard Child w/Child Mask 3-4+, in Carton
860051 Paediatric, Complete in Carton
860053 Paediatric, Complete in Compact Case
860055 Paediatric, Complete in Display Case
860056 Standard Term-Baby w/ Infant Mask 0/1+, in Carton

Preterm Resuscitator Models
850050 Preterm Basic w/o Mask, in Carton
850051 Preterm, Complete in Carton
850053 Preterm, Complete in Compact Case
850055 Preterm, Complete in Display Case

Accessories
521100 Wall Mount for Display Case
572000 Wall Mount for Display Case - Adult
871000 Silicone Extension Tube (28 cm)
870550 Wall Poster (Assembly)
870556 Laerdal Silicone Resuscitators CD
870120 Hanging Loop
870400 Laerdal Head Strap w/Attachment Ring
531901 O2 Reservoir Bag - 2600 ml
870702 Disposable O2 Reservoir Bag
531907 LSR Intake Valve Adapter (23 mm OD)
551901 O2 Reservoir Bag - 600 ml
850900 Manometer Connector
875400 Intake Reservoir Valve
560200 Patient Valve
851250 Patient Valve w/35 cm H2O Pressure Relief Valve
851350 Patient Valve w/35 cm H2O Pressure Relief Valve and Lock Clip
531907 Intake Valve Outer Part (23 mm OD)
Laerdal Silicone Masks

Our masks fit the faces of the world

Known worldwide for their quality and ease of use, Laerdal Silicone Masks have a soft contoured cuff that conforms well to all facial shapes.

A 851500 Infant Silicone Mask No. 0/0
B 851600 Infant Silicone Mask No. 0/1
C 851700 Infant Silicone Mask No. 2
D 860220 Child Silicone Mask No. 3-4 w/ Multi-Function Mask Cover
E 870220 Adult Silicone Mask No. 4-5+ w/ Multi-Function Mask Cover
F 865200 Multi-Function Mask Cover for Child Mask 3-4
G 875200 Multi-Function Mask Cover for Adult Mask 4-5+

Laerdal Silicone Resuscitators: Models, Contents and Containers

<table>
<thead>
<tr>
<th></th>
<th>ADULT (Patients over 25 kg.)</th>
<th>PAEDIATRIC (Patients 2.5 to 25 kg.)</th>
<th>PRETERM (Patients under 2.5 kg.)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Basic w/o Mask</td>
<td>Standard</td>
<td>Complete</td>
</tr>
<tr>
<td>Carton</td>
<td>870050</td>
<td>870052</td>
<td>870051</td>
</tr>
<tr>
<td>Compact Case</td>
<td></td>
<td>870053</td>
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<tr>
<td>Display Case</td>
<td></td>
<td></td>
<td>870055</td>
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<tr>
<td>Bag 1600 ml</td>
<td>•</td>
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</tr>
<tr>
<td>500 ml</td>
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<td>240 ml</td>
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<tr>
<td>Pt Valve w/o Relief Valve</td>
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<td>•</td>
</tr>
<tr>
<td>w/ Relief Valve</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Mask 0/0</td>
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<td></td>
</tr>
<tr>
<td>0/1</td>
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<td></td>
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<tr>
<td>2</td>
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<td></td>
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<tr>
<td>3-4 w/Mask Cover</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>4-5+ w/Mask Cover</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Intake/Reservoir Valve</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Reservoir Bag 2600 ml</td>
<td>•</td>
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<td>•</td>
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<tr>
<td>600 ml</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DFU</td>
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</tbody>
</table>

www.laerdal.com
Trachlight **Stylet and Tracheal Lightwand**

This light-guided oral and nasal intubation device has an impressive 99% success rate... with an average time to intubate of less than 25 seconds!*

Reusable handle and multi-use wands for adult, child, and infant make Trachlight the bright choice for difficult and routine airways!

Based upon the principle of transillumination of the soft tissues of the neck, the Trachlight device facilitates intubation even in the most challenging patients.

*O.R. Hung, MD, S.C. Stevens, MD, S. Pytka, MD, I. Morris, MD, G.O. Launcelott, MD, M.F. Murphy, and R.D. Stewart, MD Presentation at American Society of Anesthesiologists '93; “Clinical Trial of a New Lightwand Device for Intubation in Patients with Difficult Airways.”

**Trachlight Reusable Handles**

* are used with non-sterile Multi-Use Wands

- **621000** Trachlight Handle
- **621130** Trachlight Wand, Adult Multi-Use (pkg. 10)
- **621140** Trachlight Wand, Child Multi-Use (pkg. 10)
- **621150** Trachlight Wand, Infant Multi-Use (pkg. 10)

**Economical Starter Packs Include:**

- 1 Handle, 1 pkg. of Wands, and an In-Service Training Video (CD Rom)

- **621300** Trachlight Adult Multi-Use Starter Pack
- **621320** Trachlight Child Multi-Use Starter Pack
- **621340** Trachlight Infant Multi-Use Starter Pack
- **621010** Replacement Battery Cap for Handle
- **621193** Trachlight In-Service Training Video (CD Rom)
Thomas Tube Holder

Never worry about tape fastening again! The Thomas Tube Holder is the only tube holder with a quick-set screw for a secure hold after tube placement. Not only does the Thomas Tube Holder accommodate Combitubes and LMA’s, its special bite block feature protects the patient and the tube. No wonder it’s one of the most effective tube holders on the market today!

Hook and loop padded strap provides security and comfort. Will not stretch or shrink when wet. Color-coded for ease of identification between adult and pediatric Thomas Tube Holder versions.

Quick-set screw system securely holds tubes in place and facilitates fast, easy adjustment or removal of the Thomas Tube Holder.

Larger opening allows for application of a wide-range of single and double-lumen airway tubes. Ventilations may continue during application, adjustment and removal of the Thomas Tube Holder.

Larger access opening to allow for ease of suctioning and visual inspection of mouth.

Slide stick facilitates fast, efficient application of the head strap around the patient’s neck without movement of the head.

600-30000  Thomas Tube Holder Adult, Green (qty 1)
600-10000  Thomas Tube Holder Adult (qty 1)
600-20000  Thomas Tube Holder Pediatric (qty 1)
Laerdal Suction Unit

The award-winning Laerdal Suction Unit is the ultimate in high performance. It’s rugged enough to take anywhere – in the ambulance or the hospital. Unique one-touch testing, built-in charger, and 5-year warranty validate its claim to fame as the one to beat.

Raising the standard for EMS suction units, in-hospital and postcare units, the LSU features industry-first device diagnostics, a “No Tools” replaceable battery, built-in charger, and an integrated vacuum regulation/power control. All this in a rugged “bump-proof/splash-proof” design that is very quiet.

The unit has been tested to meet IP34D classification, allowing it to be used in the rain without risk of failure.

5-YEAR LIMITED WARRANTY*

*Excludes battery, canister system, power cords and normal wear and tear.

780000 LSU w/Reusable Canister
780010 LSU w/Abbott Receptal® Canister

The Laerdal Suction Unit includes: Suction Unit, AC and DC Cords, Canister with Patient Tubing, Battery, Vacuum Tubing, Filter/liner with filter, and Directions for Use.

Consumables

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>781200</td>
<td>Aerosol Filter for LSU Reusable Canister</td>
</tr>
<tr>
<td>781201</td>
<td>Vacuum Tube for LSU Abbott Canister</td>
</tr>
<tr>
<td>770461</td>
<td>Abbott Disposable Liner</td>
</tr>
</tbody>
</table>

The unit is designed to be rugged and splash-proof.
Easy-To-Understand Graphic User Interface

- High Vacuum/High Flow Statement (ISO 10079)
- Device Test Button
- Vacuum Indicator
- Power On Indicator
- External Power Indicator
- Failure Mode Indicator
- Battery Status Indicator
- Vacuum Settings (0-500+ mmHg)
  - 0=OFF
- Light blue (left): Tracheal
- Darker blue (right): Oropharyngeal

To learn more about all of the features and benefits of the LSU you can view an interactive presentation at www.laerdal.com or contact LAERDAL to request a Free LSU CD.

Accessories
781202 High Efficiency Filtration kit for LSU Abbott Canister
782000 Carrying Bag (full covering)
782600 Wall Bracket w/DC-Power Cord
782610 Wall Bracket w/AC-Power Cord US
782620 Wall Bracket w/AC-Power Cord EU
782630 Wall Bracket w/AC-Power Cord UK
782640 Wall Bracket w/o/ Power Cord
782300 Shoulder Strap
782400 Side Pouch
780440 External Charger kit

This large, single knob is easy to turn on and adjust even with firefighter’s bulky gloves.

Ease of use is assured with a “No Tools” required replaceable battery, built-in charger, and multiple power options.

User friendly storage of patient tubing.

Color & Size Coded connectors.

User friendly tubing illustration on the LSU.
V-VAC Manual Suction Unit

Get a good grip on handling even the toughest suction scenario with Laerdal’s V-VAC Manual Suction Unit. Ideal for First Responder emergency kits and as back-up suction. One-handed operation, one-piece disposable cartridge, and unique no-clog suction tip make the V-VAC the manual suction unit of choice!

985000 V-VAC Starter Kit
985100 V-VAC Training Kit

V-VAC Training Kit for Practical Use Includes:
Handle, Training Cartridge with plug for emptying and cleaning, Catheter w/Adapter Tip, Double Male Connector, and Directions for Use.

V-VAC Starter Kit for Patient Use (shown above)
Includes: Handle, 2 Replacement Cartridges, Short Suction Catheter w/Adapter Tip, Double Male Connector, and Directions for Use.
V-VAC Accessories

A 985001 Replacement Cartridge
B 985101 Training Cartridge
C 985200 Carrying Bag (yellow)
D 985002 Adapter Tip (pkg. 4)
E 985003 Double Male Connector (pkg. 10)
F 985004 Short Suction Catheter (8”/18 F) (pkg. 4)

985030 Replacement Handle

A The V-VAC unit fits easily into many emergency kits. A separate carry bag is also available.

B The soft tip of the intake valve has deep cutouts to help prevent tube occlusion, and also soft tissue injury, when the tip is held against the back of the throat. The tri-cut valve resists back flow of suctioned matter.
Stifneck Select Extrication Collar

Savvy providers select quality with the Select. It’s simple symmetrical sizing, plus safety!

All the adult Stifnecks in one easily adjustable, fully assembled collar! Just measure the patient, select the size, immobilization you expect from Stifneck collars.

980010  Stifneck Select Collar
980012  Stifneck Select Collar, Green
980016  Stifneck Select/HeadBed II
        HID Combo Pack
        (1 of each)

Stifneck Pedi-Select Extrication Collar

The Stifneck family of collars is now complete with the addition of the Pedi-Select!

Designed to meet the specific anatomical features of children.

980020  Stifneck Pedi-Select Collar

All Laerdal extrication collars are latex-free.
Stifneck Extrication Collar

The classic collar against which all others are measured

The original Stifneck with outstanding motion restriction and optimal sizing. Others may look like the Stifneck collar, but there’s only one original. The only collar that gets rave peer reviews!

Stifneck Extrication Collars

- **A** 980600  Stifneck Tall Collar (Adult)
- **B** 980500  Stifneck Regular Collar (Adult)
- **C** 980400  Stifneck Short Collar (Adult)
- **D** 980300  Stifneck No-Neck Collar (Adult)
- **E** 980200  Stifneck Pediatric Collar
- **F** 980100  Stifneck Baby No-Neck Collar

Stifneck Set & Carry Bag

- **980700** Carry Bag (only)
- **980000** Stifneck Set (All sizes) in Carry Bag

Paediatric and Baby No-Neck collars offer a rear panel opening for palpation, visualization, and ventilation.

Picture showing Carry Bag, with a suggestion of items that can be easily stored and then carried onto the scene. Contents not included.
BaXstrap Spineboard

Engineered for maximum strength and designed for both patient and provider comfort

As a rescuer, you want your spineboard to be comfortable for your patient, rigid and lightweight. The BaXstrap Spineboard provides this and is one of the lightest boards on the market. The unique contoured design allows the board to nest compactly. This feature also offers patients more comfort, making it less likely that they would move around and aggravate their injuries.

982500  BaXstrap Spineboard
982600  BaXstrap Spineboard, Green
982599  Private Label BaXstrap Spineboard*
982699  Private Label BaXstrap Spineboard, Green*
980800  Baxstrap Carry Bag

*Minimum order quantity is 10 boards. Please allow 8-12 weeks leadtime for these versions.

Laerdal Spineboard Straps

Straps are two-piece, totaling 150 cm in length, with Dual Side Release DELRIN Buckles.

A  982512  Premium Strap w/loop-lok ends
B  982513  Premium Strap w/swivel speed clip ends
982517  Best Straps
(spider style strapping system)

Multiple strap holes allow for paediatric strapping and do not interfere with handholds.

Lifting is made easier for the rescuer with raised handholds designed to maximize ground clearance.

Can easily be stored. Three boards stacked together are only 140 mm thick.
Laerdal Pedi-Pad Backboard Pad

It’s the foam, anti-skid kid disposable pad that provides proper alignment with any spineboard! Pedi-Pad works for kids.

701-00040  Laerdal Pedi-Pad Backboard Pad (pkg. 6)

SpeedBlocks Head Immobilizer

Our reusable SpeedBlocks go to the head of the immobilization class with easy application, secure and safe adjustments, and optimum visual access...all at the per-use cost of a disposable!

SpeedBlocks offer a simple, four-step process for application, a unique, multi-axis blocks system to accommodate all head shapes and injury positions, and direct access to patient’s ears for better communication and inspection. The low-cost blocks with disposable foam pads and head straps are so effective that the inconvenience of taping the patient can be eliminated.

983090  SpeedBlocks Starter Pack
(Includes 1 Block Set, 1 Universal Base, 1 Strap & Pad Replacement Set)

983092  SpeedBlocks Blocks Set

983060  SpeedBlocks Universal Base

983096  SpeedBlocks Strap and Pad Replacement Set
(Includes 5 complete sets of Block Pads, Head Straps, and Base Pads)
HeadBed II Head Immobilizer

All the strength of corrugated board in an all-weather secured, disposable immobilizer

Space is always at a premium in an ambulance, so every inch of storage space must count. The HeadBed II Head Immobilizer is so compact that ten can be stored in the same space as only one foam device.

982000   HeadBed II HID
980016   Stifneck Select/HeadBed II HID Combo Pack
         (1 of each)

PadPack Alignment Pads

All the strength of corrugated board in an all-weather secured, disposable immobilizer

In most cases padding is necessary to maintain the cervical spine in neutral alignment during immobilization. Place a pad under the occiput of an adult to prevent extension, and under the torso of a young child or infant to prevent flexion.

982100   PadPack Alignment Pads (pkg. 10)
“Issues in Spinal Care”

Training Curriculum CD 2005 Edition

The classic spinal care training curriculum is now revised and updated!
The 2005 Edition presents concepts and techniques of spinal motion restriction in four independent modules: adult, paediatric, aquatics, and spinal field rule-out. Most of the updates are in the aquatics section.

Independently and expertly reviewed by the Minnesota State Colleges and Universities Fire/EMS/Safety Center and the physicians listed on their Medical Advisory Committee.

For more information or a free “Issues in Spinal Care” CD, please visit us at www.laerdal.com

Spinal System Solutions Sets

981000 Immobilization Package with loop-lok end straps
981100 Immobilization Package with swivel speed clip end straps
Do you want the benefits of simulation but are not sure how to begin?

Educating future healthcare providers is a huge responsibility. Do you feel that you have too many demands on your time and yet would like to give more time to your students? You have heard of the benefits of simulation as an educational tool but, are daunted by the prospect of installing and maintaining a simulation laboratory and programming simulators. This is where Laerdal Services come into their own. We are here to listen, consult and to help you fulfil your educational objectives. We provide training, product updates, technical services, preventative maintenance, warranty programs and so much more.

Laerdal Services allow you to spend more time on what really matters - your students.

Technical Services
Laerdal takes great pride in our customer service before and after the sale. Our Technical Services Team genuinely cares for customers and your satisfaction is our top priority. We recognise that our product performance directly impacts your goals and objectives. Timely, convenient and quality service is the foundation of our success.

Preventative Maintenance Programs
Preventative Maintenance Programs are the simplest way to control costs with planned maintenance services versus unplanned corrective services. With each scheduled service, a qualified Service Technician will ensure that your product maintains peak performance through our extensive testing and calibration process, replacing a range of parts and consumables to ensure its continued proper operation.

Extended Warranty
The Extended Warranty offers a continuation of the comprehensive original product warranty. Extended Warranties are offered for a range of products and can be purchased in single-year increments.

Technical Product Phone Support
Laerdal offers all customers comprehensive product support from our highly-skilled Technical Product Specialists.

Return to Bench Product Repair
Laerdal provides a full range of repair and calibration services. Our service technicians will ensure your product is returned to optimal condition and performance. Your product will undergo extensive testing, repair and calibration to ensure its reliability.
### SimMan 3G
- **Installation Service**: 1008407
- **Extended Warranty yr 2**: 212-00050EXW1
- **Extended Warranty yr 2-3**: 212-00050EXW2
- **Extended Warranty yr 2-4**: 212-00050EXW3
- **Extended Warranty yr 2-5**: 212-00050EXW4

Preventative Maintenance Services will be available for SimMan 3G to cater for regular through to heavy/frequent users to ensure optimal product performance in 1, 3 and 5 year packages. Contact Laerdal for more information.

### SimMan
- **Installation Service**: 1008407
- **Extended Warranty (1 yr)**: 211-00050EXW
- **Basic Preventative Maintenance**: 211-00050PMB
- **Complete Preventative Maintenance**: 211-00050PMC

### SimBaby
- **Installation Service**: 1008407
- **Extended Warranty (1 yr)**: 245-05050EXW
- **Basic Preventative Maintenance**: 245-05050PMB
- **Complete Preventative Maintenance**: 245-05050PMC

### SimNewB
- **Installation Service**: 1008407
- **SimNewB Standard Extended Warranty yr 2**: 220-00050EXW1
- **SimNewB Standard Extended Warranty yr 2-3**: 220-00050EXW2
- **SimNewB Standard Extended Warranty yr 2-4**: 220-00050EXW3
- **SimNewB Standard Extended Warranty yr 2-5**: 220-00050EXW4
- **SimNewB Standard Preventative Maintenance return to Laerdal**: 220-0001PMS1
- **SimNewB Standard Preventative Maintenance onsite**: 220-0001PMS2
- **SimNewB Standard or Advanced Preventative Maintenance return with Loaner**

### SimNewB Advanced
- **Installation Service**: 1008407
- **SimNewB Advanced Extended Warranty yr 2**: 225-00050EXW1
- **SimNewB Advanced Extended Warranty yr 2-3**: 225-00050EXW2
- **SimNewB Advanced Extended Warranty yr 2-4**: 225-00050EXW3
- **SimNewB Advanced Extended Warranty yr 2-5**: 225-00050EXW4
- **SimNewB Advanced Preventative Maintenance return to Laerdal**: 225-00001PMA1
- **SimNewB Advanced Preventative Maintenance return to Laerdal**: 225-00001PMA2
- **SimNewB Standard or Advanced Preventative Maintenance return with Loaner**: 220-0001PMS3

### MicroSim
- **MicroSim Software Installation Service**: 459-09750

### ALS Simulator
- **Extended Warranty (1yr)**: 205-05050EXW
- **Basic Preventive Maintenance**: 205-05050PMB
- **Complete Preventive Maintenance**: 205-05050PMC

### Resusci Anne Simulator
- **Extended Warranty (1yr)**: 150-00001EXW
- **Basic Preventive Maintenance**: 150-00001PMB
- **Complete Preventive Maintenance**: 150-00001PMC

### MegaCode Kelly
- **Extended Warranty (1yr)**: 200-05050EXW
- **Basic Preventive Maintenance**: 200-05050PMB
- **Complete Preventive Maintenance**: 200-05050PMC

### Resusci Anne Skills Station
- **Installation Service**: 454-90250
- **Service Agreement Onsite**: 454-90050
- **Service Agreement Exchange**: 454-90150

### HeartStart MRx
- **Extended Warranty (1yr)**: M3536AEXTW
- **Preventive Maintenance return to Laerdal**: M3536APM1
- **Preventive Maintenance on site**: M3536APM2
- **Preventive Maintenance return to Laerdal with loaner**: M3536APM3

www.laerdal.com
Laerdal Services

Educational Services

Courses

Laerdal now offers initial and advanced training courses designed to enable you to get the most out of your educational program using our products. Courses are held both at the customer’s site and at Laerdal.

Introduction Courses

These two-day basic courses enable participants to assemble their simulators, operate the simulator’s user interface, and plan and program scenarios using an instructional design process.

212-90950 Introduction to SimMan 3G at Laerdal
212-90150 Introduction to SimMan 3G On-Site
210-90950 Introduction to SimMan/SimBaby at Laerdal
210-90150 Introduction to SimMan/SimBaby On-Site
225-90950 Introduction to SimNewB Advanced at Laerdal
225-90150 Introduction to SimNewB Advanced On-Site

Learn how to use MicroSim to its highest potential as part of your educational program.

459-09850 Introduction to MicroSim at Laerdal
459-09950 Introduction to MicroSim On-site

Scenario Programming

This one-day course gives participants the knowledge and skills to map out patient cases and convert them into scenarios using the SimMan/SimBaby software. Participants will also learn how to run these scenarios.

212-90550 Scenario Programming for SimMan 3G
210-90550 Scenario Programming for SimMan/SimBaby
225-90550 Scenario Programming for SimNewB Advanced

Customised Educational Services

For those who prefer a more customised, one-on-one experience, Laerdal offers a customised service to suit your individual needs. Educational Consultants will work with you at your facility to provide a learning experience to address your needs. They can also work with you, using your learning objectives and goals, to turn them into a working scenario for your curriculum.

210-90450 Customised Instruction
210-91050 Custom Scenario Development

Advanced Specialised Training

Develop your expertise in the ‘art’ of simulation. Courses provide a mixture of theory and practice and emphasise creating a safe and stimulating learning environment where learners receive relevant feedback. In some cases course curriculum, faculty and facilities are provided by a Simulation Centre external to Laerdal, with input from Laerdal. This course is ideal for healthcare professionals who want to use simulators and simulations for teaching.

Contact Laerdal for information regarding Advanced Specialised Training in your region.
Scenarios

Simulation Patient Scenarios
Laerdal now offers a range of preconfigured scenarios which enable you to quickly and easily deliver high-quality, tried and tested simulations, with all the support materials you need. New scenario packages are being developed and launched regularly.

211-17001 NLN SimMan Nursing Scenarios
These 10 surgical scenarios and 10 medical scenarios are designed to challenge students at different levels. The package includes basic and advanced scenarios. Cases range from obtaining vital signs, through recognizing and managing life-threatening complications.
Includes:
- Pre-programmed scenarios
- Patient Information Card
- “Simulation in Nursing Education” book
- Patient ID bands
- Data collection forms
- Physician orders

80-1459 ACLS SimMan Scenarios
Laerdal and the American Heart Association have released the American Heart Association ACLS Scenarios that run on the Laerdal SimMan patient simulator. The scenarios are pre-programmed and can be used to teach, reinforce and test the skills required on the latest AHA ACLS course.
There are 31 scenarios, including five teaching scenarios, 22 core cases and four testing scenarios.
Includes:
- Binder with resource materials
- CD with the scenarios programmed for SimMan software
- ACLS Instructor Manual
- ACLS Provider Manual

These scenario above run on the latest SimMan software version.
Those who wish to use the scenarios must upgrade their software.
You can upgrade your software via a Backwards Compatibility Kit, available at no charge.

Included with SimMan3G
SimMan 3G Patient Cases Sample Package
10 Patient Cases to jumpstart your simulation program.
This package, included with the purchase of every SimMan 3G, consists of sample Patient Cases from topics such as airway complications, bleeding, cardiac emergencies and head injuries.

212-30150
SimMan 3G Patient Cases Vol 1
Run validated, realistic simulations with ease using this package of 25 Patient Cases for SimMan 3G. Five modules are included, Airway I & 2, Bleeding, Cardiac and Head, each containing 5 Patient Cases.

Simulation User Network (SUN)
http://simulation.laerdal.com
The Simulation User Network is a community of simulation learners, users and experts, giving them a forum to share ideas and strategies for improving healthcare training for all professionals through the use of simulation.

The Network allows you to stay up-to-date on best practices, news, events and access a range of resources.

The SUN website provides information on events, tutorials, links, discussion forums, downloads, research and more.
Laerdal also provides SUN conferences throughout the year, bringing together simulation users throughout your region.
Contact Laerdal for details.
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www.laerdal.com
The story of our logo

The Laerdal Company was established in 1940. During our first two decades, we created innovative toys and books for children.

In 1958, the company started to dedicate itself to advancing the cause of resuscitation and emergency care. In 1960, the first patient simulator Resusci Anne manikin was introduced to the market. A new logo was needed to reflect our mission. Our founder, Åsmund S. Laerdal, chose the image of the Good Samaritan. It depicts the ancient tale of the traveler whose selfless compassion and care saved the life of a total stranger. This became our emblem and our inspiration.

Today, Laerdal Medical is dedicated to helping save lives with products, services, and system solutions that support the Chain of Survival. The Good Samaritan logo symbolizes our commitment to every health professional and volunteer who has learned how to save the life of a family member, friend, or stranger in need.

They are the true Good Samaritans.